VOLUME XXXIX JAN.-JUNE, 1921

THE NATIONAL GEOGRAPHIC MAGAZINE

INDEX

January to June, 1921

VOLUME XXXIX

PUBLISHED BY THE
NATIONAL GEOGRAPHIC SOCIETY
HUBBARD MEMORIAL HALL
WASHINGTON, D.C.

$3.50 A YEAR

COPYRIGHT, 1921

XUM

NATIONAL GEOGRAPHIC SOCIETY

GEOGRAPHIC ADMINISTRATION BUILDINGS

SIXTEENTH AND M STREETS NORTHWEST, WASHINGTON, D. C.

GILBERT GROSVENOR, President — HENRY WHITE, Vice-President

JOHN JOY EDSON, Treasurer — O. P. AUSTIN, Secretary

BOYD TAYLOR, Assistant Treasurer — GEORGE W. HUTCHISON, Associate Secretary

FREDERICK V. COVILLE, Chairman Committee on Research

EDWIN P. GROSVENOR, General Counsel

EXECUTIVE STAFF OF THE NATIONAL GEOGRAPHIC MAGAZINE

GILBERT GROSVENOR, EDITOR

JOHN OLIVER LA GORCE, Associate Editor

WILLIAM J. SHOWALTER, Assistant Editor — RALPH A. GRAVES, Assistant Editor — FRANKLIN L. FISHER, Chief of Illustrations Division

J. R. HILDEBRAND, Chief of School Service

BOARD OF TRUSTEES

CHARLES J. BELL
President American Security and Trust Company

JOHN JOY EDSON
Chairman of the Board, Washington Loan & Trust Company

DAVID FAIRCHILD
In Charge of Agricultural Explorations, U. S. Department of Agriculture

C. HART MERRIAM
Member National Academy of Sciences

O. P. AUSTIN
Statistician

GEORGE R. PUTNAM
Commissioner U. S. Bureau of Lighthouses

GEORGE SHIRAS, 3D
Formerly Member U. S. Congress, Faunal Naturalist, and Wild-game Photographer

GRANT SQUIRES
Military Intelligence Division, General Staff, New York

WILLIAM HOWARD TAFT
Ex-President of the United States

FRANKLIN K. LANE
Formerly Secretary of Interior

C. M. CHESTER
Rear Admiral U. S. Navy, Formerly Supt. U. S. Naval Observatory

FREDERICK V. COVILLE
Botanist, U. S. Department of Agriculture

RUDOLPH KAUFFMANN
Managing Editor The Evening Star

T. L. MACDONALD
M. D., F. A. C. S.

S. N. D. NORTH
Formerly Director U. S. Bureau of Census

JOHN OLIVER LA GORCE
Associate Editor National Geographic Magazine

ALEXANDER GRAHAM BELL
Inventor of the telephone

J. HOWARD GORE
Prof. Emeritus Mathematics, The George Washington University

A. W. GREELY
Arctic Explorer, Major General U. S. Army

GILBERT GROSVENOR
Editor of National Geographic Magazine

GEORGE OTIS SMITH
Director of U. S. Geological Survey

O. H. TITTMANN
Formerly Superintendent of U. S. Coast and Geodetic Survey

HENRY WHITE
Member American Peace Commission, and Recently U. S. Ambassador to France, Italy, etc.

ORGANIZED FOR "THE INCREASE AND DIFFUSION OF GEOGRAPHIC KNOWLEDGE"

TO CARRY out the purposes for which it was founded thirty-three years ago, the National Geographic Society publishes this Magazine. All receipts are invested in the Magazine itself or expended directly to promote geographic knowledge.

ARTICLES and photographs are desired. For material which the Magazine can use, generous remuneration is made. Contributions should be accompanied by an addressed return envelope and postage.

IMMEDIATELY after the terrific eruption of the world's largest crater, Mt. Katmai, in Alaska, a National Geographic Society expedition was sent to make observations of this remarkable phenomenon. Four expeditions have followed and the extraordinary scientific data resultant given to the world. In this vicinity an eighth wonder of the world was discovered and explored—"The Valley of Ten Thousand Smokes," a vast area of steaming, spouting fissures. This area has been created a National Monument by proclamation of the President of the United States.

THE Society organized and supported a party, which made a three-year study of Alaskan glaciers.

GEOLOGISTS were sent to study the Mt. Pelée, La Soufriere, and Messina disasters.

AT AN expense of over $50,000 The Society sent a notable series of expeditions into Peru to investigate the traces of the Inca race. Their discoveries form a large share of our knowledge of a civilization which was waning when Pizarro first set foot in Peru.

THE Society also had the honor of subscribing a substantial sum to the historic expedition of Admiral Peary, who discovered the North Pole.

NOT long ago The Society granted $25,000, and in addition $75,000 was given by individual members through The Society to the Federal Government when the congressional appropriation for the purchase was insufficient, and the finest of the giant sequoia trees of California were thereby saved for the American people and incorporated into a National Park.

THE Society is conducting extensive explorations and excavations in Northwestern New Mexico, which was one of the most densely populated areas in North America before Columbus came, a region where prehistoric peoples lived in vast communal dwellings whose ruins are ranked second to none of ancient times in point of architecture, and whose customs, ceremonies, and name have been engulfed in an oblivion more complete than any other people who left traces comparable to theirs.

Copyright, 1921, by National Geographic Society, Washington, D. C. All rights reserved.

CONTENTS

	Page
Across the Equator with the American Navy. By Herbert Corey	571
America in the Air: The Future of Airplane and Airship, Economically and as Factors in National Defense. By Brigadier-General William Mitchell	339
Ceylon and India. Color insert. VIII plates	281
Czechoslovakia, Key-Land to Central Europe. By Maynard Owen Williams	111
Dream Ship, The: The Story of a Voyage of Adventure More than Half Around the World in a 47-Foot Lifeboat. By Ralph Stock	1
Every-Day Life in Afghanistan. By Frederick Simpich and "Haji Mirza Hussein"	85
Familiar Grasses and Their Flowers. By E. J. Geske and W. J. Showalter	625
Flowers of Grasses in Color. Color insert. VIII plates	627
From London to Australia by Aëroplane: A Personal Narrative of the First Aërial Voyage Half Around the World. By Sir Ross Smith, K. B. E.	229
Grand Canyon Bridge, The. By Harriet Chalmers Adams	644
Interesting Citizens of the Gulf Stream. By Dr. John T. Nichols, Curator of Recent Fishes	69
Modern Persia and Its Capital, and an Account of an Ascent of Mount Demavend, The Persian Olympus. By F. L. Bird	353
New Map of Asia, The	552
New Map of Europe, Showing the Boundaries Established by the Peace Conference at Paris and by Subsequent Decisions of the Supreme Council of the Allied and Associated Powers, The. By Ralph A. Graves	157
New National Geographic Society Expedition, A: Ruins of Chaco Canyon, New Mexico, Nature-Made Treasure-Chest of Aboriginal American History, to be Excavated and Studied	637
Orkneys and Shetlands—A Mysterious Group of Islands, The. By Charles S. Olcott	197
People of the Wilderness; The Mongols, Once the Terror of all Christendom, Now a Primitive, Harmless Nomad Race. By Adam Warwick	507
Persia. Color insert. XVI plates	401
Persian Caravan Sketches, The Land of the Lion and the Sun as Seen on a Summer Caravan Trip. By Harold F. Weston	417
Scenes from America's Southwest. 14 illustrations	651
Treasure-House of the Gulf Stream: The Completion and Opening of the New Aquarium and Biological Laboratory at Miami, Florida. By John Oliver La Gorce	53
Warm-Sea Fishes. By Hashime Murayama. Color insert. XVI plates	61
Western Siberia and the Altai Mountains; With Some Speculations on the Future of Siberia. By Viscount James Bryce	469
Whirlpool of the Balkans, The. By George Higgins Moses	178

XUM

XUM

INDEX FOR VOL. XXXIX (JANUARY-JUNE), 1921

AN ALPHABETICALLY ARRANGED INDEX. ENTRIES IN CAPITALS REFER TO ARTICLES AND INSERTS

"A"

Page

Abadeh, Persia ... 462
Abbas, Shah: Palace of ... ill. 440
Abbas, Shah: Reference to ... 434, 438, 442, 447, 451-452
Abo-Björneborg Province, Finland ... 168
Abu Kemal, Mesopotamia ... 289
Academy of Science, Athens, Greece ... 195
Acropolis, Athens, Greece ... ill. 170; text 194-195
Acropolis, Median ... 430
ACROSS THE EQUATOR WITH THE AMERICAN NAVY. BY HERBERT COREY ... 571
Adams, Harriet Chalmers. Grand Canyon Bridge, The ... 644
Adelaide, Australia ... 277, 337, 339
Administration Building, Balboa, Panama ... ill. 22, 597
Adrianople, Greece ... 192
Adriatic Sea ... 171, 173, 179-180, 182, 190, 507
Adriatic Sea: Islands of the ... 175
Advisory committee, Miami Aquarium Association ... 60
Ægean Sea ... 179-180, 185, 195
Ægean Sea: Islands of the ... 167, 175
Aerial bombs: Effect of modern ... ill. 340, 342-343; text 341, 346-347
Aerial views, Afghanistan, Kabul: Amir's Palace ill. 89
Aerial views, Alps ... ill. 244, 246
Aerial views, Australia ... ill. 332-333
Aerial views, California: Cinder cone near Mount Lassan ... ill. 349
Aerial views, Constantinople, Zone of the Straits ill. 172
Aerial views, Egypt: Suez Canal ... ill. 261
Aerial views, England ... ill. 237-238, 240
Aerial views, France: Paris ... ill. 242
Aerial views, *Huntington* (Cruiser) ... ill. 598
Aerial views, India ... ill. 277, 290
Aerial views, Italy ... ill. 249-251, 254
Aerial views, Mesopotamia ... ill. 264, 267-268, 270
Aerial views, *New Mexico* (Battleship) ... ill. 595
Aerial views, New York City ... ill. 348
Aerial views, *Ohio* (Battleship) ... ill. 338
Aerial views, Palestine: Jerusalem ... ill. 262
Aerial views, Panama: Balboa Heights ... ill. 22
Aerial views, Persia ... ill. 274-275
Aerial views, Riviera, France-Italy ... ill. 247
Aerial views, Syria: Damascus ... ill. 263
Aerodrome, Allahabad, India ... 303
Aerodrome, Atamboea, Timor Island, Malay Archipelago ... 335
Aerodrome, Basra, Mesopotamia ... 293
Aerodrome, Bima, Sumbawa Island, Dutch East Indies ... 320, 329
Aerodrome, Don Muang, Siam ... 303
Aerodrome, Heliopolis, Egypt ... 269, 271
Aerodrome, Medjdel, Palestine ... 279
Aerodrome, Pisa, Italy ... 253-255, 259, 266
Aerodrome, Ramleh, Palestine ... 279
Aerodrome, Rangoon, Burma ... 309
Aerodrome, Singapore, Malay Peninsula ... 322-323
Aerodrome, Singora, Malay Peninsula 318-319, 321-322
Aerodrome, Soerabaya, Java ... 327-328
Aerodrome, Suda Bay, Crete ... 259-260, 264-266
Aerodrome, Taranto, Italy ... 260
Aerodrome, Timor Island, Malay Archipelago ... 323
Aerodrome, Venturina, Italy ... 259
Aeroplane voyage from London to Australia: Map of the first ... ill. (map) 230-231
Aeroplanes, see Airplanes.
Afcheh Pass, Persia ... 395
Afghan Turkestan, Afghanistan ... ill. 102; text 90
Afghanistan, Every-Day Life in. By Frederick Simpich and "Haji Mirza Hussein" ... 85
Afghanistan: Map of ... ill. (map) 90
Afghanistan: Size of ... 90
Afghanistan: World War ... 552
Afghans ... 231
Afghans, Persia ... 362, 443
Africa ... 266, 269, 552
Africa, German East: Airships ... 351
Africa: Grasses ... 625
Africa: Map of ... ill. (map) 4
Afridis, Asia ... ill. 98; text 94
Agha Mohammed Khan: Reference to ... 362
Agra, India ill. 290, (color insert) Plate VIII, 281-288, 292; text 301
Agriculture, Greece ... 195-196
Agriculture, Mongolia ... 513
Agriculture, Orkney Islands ... 214-215
Agriculture, Peru ... 613
Agriculture, Siberia ... 481, 495
Aibag, Afghanistan ... 91
Ainu, Japan ... 146
Air Ministry, Great Britain ... 230, 239, 243
Airplanes ... ill. 232-233, 244, 246-247, 312, 314, 316, 326, 330, 332, 346; text 339, 341, 343-347, 349, 351-352
Airplanes, United States ... 352
Airships ... 347, 351
Airships, Germany ... 351
Aix, France ... 246, 253
Ajmere, India ... 297
Aktcha, Afghanistan ... 109
Akyab, Burma ... 305, 307, 309
Alabaster throne, Teheran, Persia ... ill. 383
Aladdin: Reference to ... 268, 291
Ala-ed-Dowlen Avenue, Teheran, Persia ... 376
Aland Archipelago: Ownership of ... 168-169
Alaska ... 552
Albania ... ill. 180; text 181-182
Albania: Boundaries of ... 175
Albania: Epirus district ... 177
Albania: Size of ... 175
Albert Street, Kirkwall, Orkney Islands ... ill. 199; text 223
Alcock, Sir John: Transatlantic flight ... 232, 235, 237, 239
Alexander I: Reference to ... 478, 482
Alexander the Great: Reference to 85, 87, 91, 181, 185, 361, 387, 393-394, 430, 465
Alexandria Park, Irkutsk, Siberia ... ill. 482
Ali Baba: Reference to ... 462
Ali Kapu, Ispahan, Persia: Pavilion of the ... ill. 440
Ali Masjid, Asia ... ill. 93
Ali Muntar, Palestine ... 278-279
Ali: Reference to ... 376
Allahabad, India ... 297, 299, 302-303
Allenby, General E. H. H.: Reference to ... 229
Allenstein, Germany ... 160
Allied and Associated Powers ... 160, 174
Allied Supreme Council ... 167
Allison, James Asbury: Reference to ... 60
Allison (Miami Aquarium collecting cruiser) ... 79
Alps: Crossing the Southern ... ill. 244, 246; text 253
Alps, The ... 487, 489, 495
Alsace, France ... 159, 173
Altai Mountains and Western Siberia. By Viscount James Bryce ... 469
Amazon Valley, South America ... 612
Ambdullah Khan of Dehbid: Reference to ... text (color insert) Plate IV, 401-416, 463
Amber, India: Monuments to deceased wives ... 565
Ambrose Channel, N. Y. ... 577
AMERICA IN THE AIR: THE FUTURE OF AIRPLANE AND AIRSHIP, ECONOMICALLY AND AS FACTORS IN NATIONAL DEFENSE. BY BRIGADIER-GENERAL WILLIAM MITCHELL ... 339
American and British schools of Archæology, Athens, Greece ... 187
American Expeditionary Force, Siberia: Members of the ... ill. 494
American Mission School, Teheran, Persia ... 437
American Navy, Across the Equator with the. By Herbert Corey ... 571

XUM

Page

American Pacific cable....569-570
American Revolution....177
American seamen in the making on shipboard..ill. 578
Amir of Afghanistan 85-86, 88-90, 95-96, 99, 105, 109-110
Amir's clock tower, Kabul, Afghanistan....ill. 91
Amir's palace, Kabul, Afghanistan: Aerial view of....ill. 89
Amphitrite: Reference to....606, 610
Amur River, Asia....473-474, 495
Ancon, Panama....597
Anderuns, see Harems, Persia.
Andes....611, 613
Andros, Bahama Islands, West Indies: Miami Aquarium expedition to....60
Angara River, Siberia....ill. 486-487; text 473
Angel fishes (color insert) Plate II, 61-68; text 69, 71
Angel fishes, Black (*Pomacanthus arcuatus*) (color insert) Plate II....61-68
Angel fishes, Blue (*Angelichthys isabelita*) (color insert) Plate II, 61-68; text 69, 71
Angel fishes, French (*Pomacanthus paru*) (color insert) Plate II....61-68
Animals, Afghanistan....108-109
Animals, Altai Mountains, Asia....495
Ann Arbor, Mich....147
Annam, French Indo-China....ill. 568; text 557
Ant beds, Australia: White....ill. 329
Antarctic Circle....606
Anti-aircraft guns....341, 347
Anti-Lebanon Mountains....280
Antiochus the Great: Reference to....394
Antofagasta, Chile....476
Apartment-houses, Teheran, Persia....381-382
Appennines, Ligurian, Italy....260
Appian Way....260
Aquarium, Bermuda, West Indies....60
Arabi Pasha: Reference to....276
Arabia....552
Arabian Nights: Reference to....291, 462-463
Arcades, Prague, Czechoslovakia....117
Archæology, New Mexico ill. 638, 642, 658; text 637, 640-641, 643
Archæology, Orkney Islands....ill. 200-203, 205; text 197, 201-202, 208-209
Archæology, Shetland Islands....202, 204-205
Arctic Ocean....473, 478, 480, 482, 497
Ardabil, Persia....395
Ardashir, King: Tomb of....(color insert) Plate XIII....401-416
Areca palms, Ceylon....ill. 553
Argentina....507
"Argol," Mongolia....543
ARGOSY OF GEOGRAPHY, THE. BY JOHN OLIVER LA GORCE..Frontispiece, January, 1921
Aristophanes: Reference to....194
Aristotle: Reference to....56
Arizona....651, 653-655, 657, 659-663
Arizona (Battleship)....ill. 574
Arizona: Grand Canyon....426
Armenia....552, 569
Armenia: Boundaries of....167
Armenians, Persia....ill. 421; text 364, 381
Armistice: Signing of the....229, 346
Army, Afghanistan....ill. 99; text 109-110
Army, Bulgaria....192
Art, Slovakia, Czechoslovakia: Folk....137, 144
Artaxerxes, Palace of....465
Artedi, Peter: Reference to....56
Artillery Square, see Maidan-e Toop Khaneh, Teheran, Persia.
Aryans, Persia....417
Ascension Island, Africa: Fishes..text (color insert) Plate I....61-68
Ascent of Mount Demavend, the Persian Olympus. By F. L. Bird....393
Asia: Every-Dzy Life in Afghanistan. By Frederick Simpich and "Haji Mirza Hussein"....85
Asia: Map of..Supplement May, 1921; ill. (map) 4
Asia Minor....293, 484
Asia Minor: Smyrna....ill. 174, 176; text 167, 175
Asia Minor: Territorial adjustments in....167
Asia: Modern Persia and its Capital. By F. L. Bird....353
Asia: Mongols, People of the Wilderness, The. By Adam Warwick 507

Page

Asia, New Map of....552
Asia: Persian Caravan Sketches. By Harold F. Weston....417
Asia: Size of....552
Asia: Western Siberia and the Altai Mountains. By Viscount James Bryce 469
Asia: World War....552
Asiatic Petroleum Company, Penang, Straits Settlements....319
Asir, Arabia....569
Aslicfson, Swein: Reference to....213-214
Assur, Mesopotamia: Ruins of....465
Assyria, Asia....353
Assyrians....393
Atamboea, Timor Island, Malay Archipelago....235, 335
Athens, Greece..ill. 170, 186, 189; text 187, 191, 193, 259-260, 264
Athens, Greece: Modern....194-196
Athens, Greece: Size of....176
Atlantic Fleet....ill. 574, 584-585; text 571, 577, 581, 590, 603, 611-613, 624
Atlantic Flotilla....593
Atolls, South Seas....ill. 38, 40; text 37, 43, 45, 47
Attar of roses....447
Attar of roses, Bulgaria....191
Attic Plain....196
Attila: Reference to....484
Aurangzeb: Moti Masjid....text (color insert) Plate IV, 281-288
Australia....ill. 48, 326, 328-334; text 2, 51-52, 230, 232-233, 235, 239, 241, 277, 296, 298, 305, 321-322, 336-337
Australia: Defense Department....233
Australia: Map of....ill. (map) 4
Australian Commonwealth Government: Prize presented to Sir Ross Smith and party....ill. 336; text 231
Australian Flying Squadron....234
Australian Light Horse....277
Austria....161, 167, 173
Austria: Size of....161, 177
Austria: Treaty with St. Germain....157
Austria-Hungary....148, 155
Austria-Hungary: Population before the World War....161
Austria-Hungary: Size of before the World War 161
Austria-Hungary: Surrender of Bosnia and Herzegovina....175
Austria-Hungary: Territorial losses....169-170
Austro-Prussian War....167
Automats, Prague, Czechoslovakia....117
Automobiles, Afghanistan....88
Avars, The....484
Aviary, Flamingo Bay, Fla....60
Aviation: America in the Air. By Brigadier-General William Mitchell....339
Aviation: From London to Australia by Aeroplane. By Sir Ross Smith....229
Avlona (Valona) Albania....175
Avlona (Valona), Gulf of, Albania....175
Ayesha: Reference to....372
Azerbaijan, Asia: Republic of....167, 364, 569
Azerbaijan, Persia....354, 357, 381, 395

"B"

Baalbek, Syria: Columns of....113
Bab El Mandeb, Strait of....552
Babeltop Island, Pacific Ocean....570
Baber, Sultan: Reference to....507, 512
Babylon, Mesopotamia....91, 353, 357, 362, 462
Babylonia, Mesopotamia....291
Baedeker, Karl: Reference to....143
Bagdad, Mesopotamia..ill. 268, 562; text 229, 270, 272, 289, 291, 293, 357, 361, 417-418, 437, 441, 462
Bagdad Railway....361
Bagh-i-Takht, Persia....ill. 452
Bahama Islands, West Indies: Fishes....text 60; (color insert) Plate V, 61-68
Baharistan Palace, Teheran, Persia....375
Bahia, Brazil: Fishes..text (color insert) Plate II, 61-68
Baikal Mountain, Asia....493
Baikal, Siberia....ill. 504
Bakhtiaris, Persia....ill. 356; text 354, 381

Page

Baku, Russian Caucasus....358, 364
Balboa, Panama....ill. 597, 601; text 16
Balboa Heights, Panama: Aerial view of....ill. 22
Balfour, Gilbert: Reference to.... 223
Bali, Dutch East Indies....ill. 319; text 329
Balkan Alliance....189, 196-197
Balkan States.... 177
Balkan Wars....165, 182, 189-190
Balkans, The Whirlpool of the. By George Higgins Moses.... 178
Balkh, Afghanistan.... 91
Balloon school, Guantanamo, Cuba....591, 598
Balloons, Barrage.... 345
Baltic Sea....171, 173
Bamboo.... 625
Bamboo matting runway, Soerabaya, Java....ill. 314, 316-317; text 327-329
Banat, Jugo-Slavia—Rumania....161, 177
Band, Atlantic fleet.... 624
Band concert on the quarter deck....ill. 576
Bander Abbas, Persia....ill. 276; text 293, 295
Bangkok, Siam....ill. 300-302; text 235, 303, 309, 315, 319
Banyan trees, Kingston, Jamaica....ill. 589
Baraba steppe, Siberia.... 481
Barbados, British West Indies....ill. 12, 14, 18, 579; text 4-5, 10
Bargoo types, Mongolia....ill. 512
Barnaul, Siberia....485-486, 493
Barnyard grass (*Echinochloa crusgalli*) color insert, Plate I, 627-634; text 635
Barracudas....ill. 80; text 75
Basket-ball on shipboard, Playing....ill. 576
Basra, Mesopotamia....ill. 272-273; text 276-277, 289, 293, 299
Batavia, Java....235, 325
Bathory, Elizabeth: Reference to.... 154
Baths, Persia: Public....373, 383
Bathurst Island, Australia.... 336
Battak women, Sumatra, Dutch East Indies..ill. 310-311
Battery Park, New York City: Aerial view....ill. 348
Battle of Crécy.... 112
Battle of Jutland.... 341
Battle of Largs.... 217
Battleships....346-347
Battleships, American..ill. 572, 574-576, 583-585, 594-596, 600, 608-609; text 621
Batum, Russian Caucasus....167, 364
Bavarian frontier.... 111
Bay of Biscay, Europe....2-3, 8
Bay of Florida.... 81
Bazaars, Persia....379, 381, 431, 451
Beach grass.... 626
Beatty, Admiral: World War.... 197
Beau Gregorys.... 83
Beauties of Our Common Grasses. Color insert. VIII plates..627-634
Beer, Pilsen (Plzeň), Czechoslovakia.... 153
Beggars, Shiraz, Persia (color insert) Plate II, 401-416
Begum Mumtaz-i-Mahal: Taj Mahal..text (color insert) Plate VIII, 281-288
Behistun Rock, Persia.... 357
Belgium: Sovereignty over Moresnet.... 159
Belgrade (Beograd), Jugo-Slavia..ill. 168; text 175, 192
Bell tower, Church of San Domingo, Lima, Peru ill. 616
Belmonte: Reference to.... 619
Belukha peaks, Asia....489, 492
Benares, India....ill. 294; text 304
Benedict XV, Pope: Insignia of.... 251
Bennett, Sergt. J. M.: Photograph of....ill. 236
Bennett, Sergt. J. M.: Reference to....229, 232, 251-252, 255, 259, 269, 280, 293, 297, 307, 315, 321-322, 336, 339
Benoist: Reference to.... 307
Benquet Igorot girls, Philippine Islands....ill. 567
Beograd, see Belgrade, Jugo-Slavia.
Bering Strait.... 552
Berlin, Germany.... 493
Bermaru Heights, Afghanistan....ill. 87
Bermuda Islands, West Indies: Aquarium.... 60
Bermuda Islands, West Indies: Fishes..text (color insert) Plates I-III, V, VII, 61-68
Beruns, Persia.... 382
Bessarabia, Rumania.... 177

Page

Betel palms, see Areca palms.
Bethlehem, Palestine.... 445
Bhatgaon, Nepal: Beasts of stone....ill. 503
Bhutan, Asia.... 558
Biisk, Siberia....486, 493
"Bill" (an Ecuadorean)....27, 30, 47
"Bill," Cap:....600-601
Bima, Sumbawa, Dutch East Indies....ill. 320; text 235, 329
Biological laboratory, Miami Aquarium....54-55, 59
Bird, F. L.. Modern Persia and Its Capital....353
Birds, Galapagos Islands, Ecuador.... 19
Birjand, Persia....ill. 444
Birmingham, England.... 363
Birsay, Orkney Islands....ill. 211, 214; text 223
Biscayne Bay, Fla....53-54, 59, 74
Bisenzo (Bzenec), Czechoslovakia.... 119
Bishop's Palace, Kirkwall, Orkney Islands.... 204
Bismark: Kiel Canal....160-161
Biya River, Asia....486-487, 493
"Black Faith" (Shamanism), Mongolia.... 526
Black George: Reference to....185, 192
Black Hawk (Flagship)....ill. 611; text 577, 581-583
Black Mountain, Jugo-Slavia.... 187
"Black Pate," see Stewart, Patrick.
Black Sea....171, 193, 361, 364, 484
"Black Soil District," Ukraine.... 177
Blasting rock, Grand Canyon, Arizona....ill. 644
Blind, Persia....ill. 372
Blue Mountains, New South Wales, Australia... ill. 331; text 337
Boars, Persia: Wild....ill. 390
Boats, Me Nam River, Siam: Market....ill. 300-301
Bohemia, Czechoslovakia..ill. 148; text 111, 117, 126, 146, 173, 507
Bohemian forest, Czechoslovakia.... 111
Bohemians, Czechoslovakia.... 173
Bohumin, see Oderbeg, Czechoslovakia.
Bokhara khan, A....ill. 555
Bokhara, Russian Turkestan....117, 361
Bolivia, Plateau of.... 474
Bolsheviks, Siberia....473, 490, 499
Bolshevist soldiers, Latvia....ill. 164
Bombay, India: Honor guard of Sikhs..(color insert) Plate I, 281-288
Boris.... 190
Borneo, Dutch East Indies....231, 507
Borton, Brig.-Gen. A. E.: Allenby's last offensive....229, 232-233, 235, 269-270, 300
Bosnia, Jugo-Slavia....168, 175
Bosporus, Zone of the Straits....165, 179
Boston, Mass.: State House.... 57
Boundaries Established by the Peace Conference at Paris: New Map of Europe. By Ralph A. Graves....157
Boundary line between Germany and Belgium.... 160
Bourse du Commerce, Paris, France: Aerial view ill. 242
Boxing matches, American navy.... 624
Boy Scouts, Persia.... 398
Bozzaris, Marco: Reference to.... 190
"Braced-up" cliff, Pueblo Bonito, Chaco Canyon, New Mexico....ill. 658
Bratislava (Pressburg), Czechoslovakia.... 145
Brazil: Fishes....text (color insert) Plates I-II, VI-VII, 61-68
Bread merchants....(color insert) Plate III, 401-416
Bread, Persia....ill. 455-456; text 382
Bread, Sofia, Bulgaria: Selling....ill. 171
Bresca: Obelisk, Rome, Italy.... 250
Brick tea, Mongolia....516, 521
Brides, Ceylon....(color insert) Plate III, 281-288
Bridesmaids, Moravia, Czechoslovakia....ill. 134
Bridge of Brogar, Orkney Islands.... 208
Bridge of Galata, Constantinople.... 197
Bridge Street, Kirkwall, Orkney Islands....198, 223
Bridges, Persia: Masonry....(color insert) Plate XII, 401-416
Bridgetown, Barbados, British West Indies....ill. 12, 18, 579
Brigands, Balkan States....190-191
Bright Angel Canyon, Grand Canyon, Ariz..645, 649
Bright Angel Creek, Grand Canyon, Ariz.... 649
Bright Angel Trail, Grand Canyon, Ariz.... 645
Brisbane, Australia.... 2

XUM

Page

British army of occupation, Kabul, Afghanistan.. 87
British Consul: Photograph of.....ill. 276
British Legation, Teheran, Persia..... 376
British-managed Imperial Bank, Persia..... 375
British Museum, London, England: Portland vase ill. 184
British Royal Engineers..... 361
Brno, see Brünn, Czechoslovakia.
Brochs, Orkney Islands.....197, 202, 204
Brochs, Shetland Islands.....202, 204-205, 208
Brooklands motor-racing track, Weybridge, England 235
Brooklyn, N. Y.: Atlantic Fleet..... 577
Brough, Orkney Islands: A.....ill. 218
Bruce, John: Reference to..... 205
Brünn (Brno), Czechoslovakia.....145, 156
Bryce, Viscount James. Western Siberia and the Altai Mountains..... 469
Bryce, Viscount James: Reference to..... 193
Bucharest (Bucuresti), Rumania.....ill. 169; text 193
Bucoron, Cuba 590
Bucuresti, see Bucharest, Rumania.
Budapest, Hungary.....133, 140, 147, 149, 507
Buffalo Trunkfishes (*Lactophrys trigonus*) (color insert) Plate V, 61-68
Bukowina, Rumania.....170, 177
Bulgaria..ill. 171, 188, 190-191; text 167, 184, 189-193
Bulgaria: Size of..... 165
Bulgaria: Territorial losses..... 165
Bulgaria: Treaty with Neuilly, France..... 157
Bull-fights, Lima, Peru.....ill. 622; text 613, 619, 621
Bull-ring, Lima, Peru.....ill. 620, 622
Bur grass.....626
Buriats, The.....ill. 494, 523; text 487
Burma.....ill. 298-299, 566; text 231, 233, 307, 507
Burma: World War..... 552
Bushire, Persia.....ill. 274-275; text 293, 467
Butterfly fishes (*Chaetodon ocellatus*)...(color insert) Plate III, 61-68; text 69, 71
Byzantine churches, Athens, Greece..... 195

"C"

Cabarets, Panama City, Panama..... 16
Cachtice, Czechoslovakia: Castle of..... 154
Cæsar, Julius: Reference to..... 641
Caimanera, Cuba.....590-593
Cairo, Egypt.....ill. 258; text 229, 232-233, 257, 259, 263-264, 269-271, 277, 297
Caithness, Earl of: Reference to..... 217
Calais, France.....469, 471
Calcutta, India....ill. 296; text 229-230, 232-233, 277, 300, 303-307
Caldwell (Destroyer).....ill. 573
California (Battleship)..... 600
Callao, Peru.....ill. 612; text 571, 611, 613, 619, 621
Cambodia, French Indo-China.....299, 557
Camels, Mongolia..ill. 534-535, 537, 539, 545; text 516-517, 551
Camels, Mongolian: Breath of.....517, 534
Camels, Russian Turkestan.....ill. 555
Camel's Thorn, Persia: Bales of....(color insert) Plate V, 401-416
Canada: Grasses..... 625
Canada: Seaplanes..... 352
Canadian Rockies..... 489
Canary Islands: Las Palmas.....ill. 7-9; text, 3, 5
Canea, Crete.....ill. 256; text 265-266
Cannes, France..... 253
Canoes, Gatun Lake, Panama.....ill. 605
Canyon de Chelly Monument, Ariz.....ill. 653, 657; text 659
Canyon del Muerto, Ariz.....ill. 659
Cape Chelyuskin, Arctic Region..... 552
Cape Cod, Mass.: Fishermen..... 655
Cape Cod, Mass.: Fishes.....text (color insert) Plates II, IV, 61-68
Cape Hatteras, N. C.....361, 581
Cape Horn, Chile..... 10
Cape Matea, Greece..... 265
Caramgiidæ 75
Caravans, Khyber Pass, Asia.....ill. 94; text 108-109
Caravans, Persia.....ill. 422
Caravansaries, Afghanistan 109
Caravansaries, Bokhara, Russian Turkestan..... 117

Page

Caravansaries, Persia 444
Caribbean Sea..... 5
Carlsbad, see Karlsbad, Czechoslovakia.
Carlstien, Czechoslovakia.....ill. 142
Carniola, Jugo-Slavia..... 173
Caroline Islands, Pacific Ocean.....569-570
Carpathian Mountains, Czechoslovakia-Galicia... 171, 179, 507
Carpets, Persia..... 444
Casino, Miami Beach, Fla.....ill. 55
Casino, Monte Carlo, Monaco.....ill. 248; text 253
Caspian Sea, Asia....ill. 358, 423; text 354, 357, 362, 364, 367, 382, 390, 393, 395, 400, 417, 424, 426, 431, 436-437, 471, 484
Castalian Spring, Delphi, Greece..... 196
Castelorizo, see Kastelorizo, Italy.
Castle of Charles IV, Czechoslovakia.....ill. 142
Castle, Zvolen, Czechoslovakia.....ill. 138
Cataj, Czechoslovakia..... 137
Catham Island, Galapagos Islands, see San Cristobal, Galapagos Islands, Ecuador.
Cathedral, Irkutsk, Siberia..... 483
Cathedral, Lima, Peru.....ill. 617
Cathedral of the Virgin of Kazan, Irkutsk, Siberia .....ill. 488
Cathedral, Panama City, Panama.....ill. 602
Cattaro (Kotor), Jugo-Slavia.....173, 180-181, 193
Cattle, Marquesas Islands, Pacific Ocean 33
Cattle, Mongolia..... 551
Caucasus, Russian.....364, 489
Caudron (Airplane).....298, 307, 309
Cemeteries, Afghanistan.....ill. 107
Cemeteries, Mongolia.....ill. 548
Cenotaph, India: Marble.....ill. 565
Centocelle aerodrome, Italy..... 259
Central Powers..... 157
Cervera, Admiral: Reference to..... 591
Cetinje, Jugo-Slavia..... 182
Cetinje, Jugo-Slavia: Metropolitan Monastery..... 187
CEYLON AND INDIA. Color insert. VIII Plates 281-288
Ceylon: Areca palms.....ill. 553
Chaco Canyon, N. Mex.....ill. 638, 642, 658; text 651, 653, 656, 662
Chaco Canyon, N. Mex., Ruins of..... 637
Chaco River, N. Mex..... 637
Chadars, Persia..... 373
Chahal Situn, Ispahan, Persia.....ill. 438-439
Chalcidicean Peninsula, Greece..... 185
Chaldea, Asia..... 353
Chameleons 74
Char Minar, Hyderabad, India.....ill. 559
Charles Bridge, Prague, Czechoslovakia.....ill. 118; text 111
Charles IV of France: Castle of.....ill. 142
Chashmah-i-Ali, Persia.....389, 431
Chatalja District, Turkey in Europe..... 165
Cheops, Egypt: Pyramid of.....ill. 257
Cherso Island, Italy..... 173
Chicago: Sokols..... 113
Chickens, Bucharest (Bucuresti), Rumania....ill. 169
Children, Australia.....ill. 334
Children, Bulgaria.....ill. 191
Children, Czechoslovakia.....ill. 123, 128, 130, 133, 151, 153
Children, Jamaica.....ill. 588
Children, Mongolia..ill. 511, 514, 532-533, 546-547, 551
Children, Nogat River, Germany.....ill. 161
Children of Israel.....263, 277-278
Children, Panama.....ill. 604
Children, Persia.....ill. 385, 388-389, 397, 460, 463
Children, Pilsen (Plzeň), Czechoslovakia.....ill. 153
Children, Saloniki, Greece.....ill. 178
Children, Siberia .....ill. 471
Chile.....571, 603, 611
China..ill. 556; text 361, 474, 500, 505, 507, 512, 518, 552, 570
China: Peace Conference, Paris..... 569
Chinaman in fantastic garb, mounted on stilts..ill. 513
Chinese fair, Kyakhta, Siberia.....ill. 499
Chinese New Year Parade, Hailar, Manchuria..ill. 513
Chinese Republic..... 513
Chita, Siberia..... 494
Chittagong, Burma..... 230
Chod (Chodsko), Czechoslovakia: Children of..ill. 151

Page

Christian X, King of Denmark: Photograph of... ill. 158-159
Chub (Miami Aquarium collecting cruiser)..... 79
Church, Huklijevo, Czechoslovakia: Russian...ill. 139
Church of San Domingo, Lima, Peru: Bell tower of the.....ill. 616
Churches, Athens, Greece.....ill. 189
Cimmerians, The..... 484
Cinder cone, near Mount Lassan, Calif.: Aerial view.....ill. 349
Circle of the Moon, see Ring of Stenness, Orkney Islands.
Circle of the Sun, see Ring of Brogar, Orkney Islands.
Citadel, Kabul, Afghanistan.....ill. 86
"City of Heaven," see Hangchow, China.
Cleveland, Ohio: Czechs.....117, 129
Cliff Palace, Mesa Verde National Park, Colo..ill. 652
Cliff-dwellers, Grand Canyon, Ariz..... 645
Cliffs near Birsay, Orkney Islands.....ill. 227
Climate, Arizona..... 361
Climate, California..... 361
Climate, Teheran, Persia..... 361
Clock, Prague, Czechoslovakia: Astronomical..ill. 119
Clocks, Afghanistan.....ill. 91
Coal mines, Mongolia..... 513
Coblenz, Germany..... 160
Cochin-China, French Indo-China..... 557
Coconino Plateau, Grand Canyon, Ariz..... 645
Coffins, Mongolia.....ill. 549
Coins, Barbados, British West Indies: Diving for ill. 14
Coins, Kingston, Jamaica: Diving for.....ill. 587
Coliseum, Pola, Italy..... 181
Coliseum, Rome, Italy..... 181
Colleges, Persia.....(color insert) Plate XVI, 401-416
Cologne, Germany..... 160
Colon, Panama..ill. 590; text 5, 26, 586, 593, 595, 603
Color line, Jamaica.....ill. 588
Colorado: Mesa Verde National Park.....ill. 652
Colorado River.....ill. 650; text 644-645, 648
Colorado River Gorge, Grand Canyon, Ariz....ill. 648
Colorado, Size of..... 569
Columbia 602, 604
Columbia (Flagship)..... 581
Columbus, Christopher: Reference to.....394, 618
Comenius, see Komensky, Johann Amos.
Commission of the League of Nations..... 159
Commonwealth of Australia: Prize presented to Sir Ross Smith and party.....ill. 336; text 231
Condors, Peru..... 606
Conference of Rapallo..... 173
Congress of Berlin..... 191
Connecticut: Size of.....167, 175
Conquistadores 593, 619
Conrad, Joseph: Reference to..... 592
Constanta (Constantza) Rumania..... 193
Constantine the Great: Reference to..... 171
Constantinople, Zone of the Straits...ill. 172, 193-194; text 165, 170, 175, 184, 192, 197
Constantza, see Constanta, Rumania.
Constituent Assembly, Prague, Czechoslovakia.... 177
Consumption, see Tuberculosis.
Cook Islands, Pacific Ocean.....49-50
Copper mines, Mongolia..... 513
Copra, Yap, Pacific Ocean..... 570
Cordillera Real, Mountains, Bolivia..... 474
Corey, Herbert. Across the Equator with the American Navy..... 571
Corfu, Greece.....ill. 255; text 180, 195, 265
Corinth Canal, Greece..... 195
Corinth, Greece..... 180
Corinth, Gulf of, Greece..... 187
Corn 635
Corydon: Reference to..... 196
Cossacks, Persia.....ill. 444
Costumes, Afghanistan.....ill. 100; text 105
Costumes, Czechoslovakia..ill. 120-123, 126, 128, 130-132, 134, 136, 140-141, 144, 146-147, 149, 151-155; text 113, 116, 122, 127, 129, 137, 143
Costumes, French Indo China.....ill. 568
Costumes, Greece.....178, 196
Costumes, Mongolia....ill. 506, 510-528, 531-535, 545, 550-551; text 541-542
Costumes, Persia....ill. 355-357, 366, 368-370, 372-374, 380, 385, 387-388, 390, 392, 397; (color insert) Plates I-IX, XIV, 401-416
Council of the League of Nations..... 169
Counterfeit money, Czechoslovakia..... 117
Court of Tuileries, Paris, France: Aerial view..ill. 242
Cow Pilot fishes, see Sergeant Major (Fish).
Cowboys, Mongolia.....ill. 528
Cowfishes (*Lactophrys tricornis*) (color insert) Plate V, 61-68; text 75
Craddock, Lady: Reference to.....307, 309
Craddock: Reference to 621
Craddock, Sir Reginald: Reference to.....307, 309
Crater of a cinder cone near Mount Lassen, Calif. 349
Crete, Greece..ill. 256; text 180, 233, 260, 264-265, 269
Crime and Criminals, Afghanistan..... 90
Crime and Criminals, Mongolia..... 548
Crimea, Russia 471
Crimean War 168
Cristobal, Galapagos Islands, see San Cristobal, Galapagos Islands, Ecuador.
Crnagora, see Montenegro.
Croatia, Jugo-Slavia.....140, 161, 168
Croats, Jugo-Slavia..... 173
Crœsus: Riches of..... 430
"Crown Podoroshna"..... 487
Crown Prince of Austria: Reference to..... 112
Crowninshield (Destroyer) 587
Crying gas.....343-344
Ctesiphon, Mesopotamia.....ill. 267; text 291, 357
Cuba.....ill. 575, 577-578, 580, 584-585; text 587
Cuba: Tropical fishes..... 75
Cuckold fishes (*Lactophrys triqueter*) (color insert) Plate V, 61-68
Culdee hermits, Orkney Islands..... 201
Cupping, Persia.....ill. 462
Cyprus: Annexation of..... 167
Cyrus: Reference to.....361, 430
Cyrus, Tomb of.....ill. 446; text 465
Czech-Hungarian boundary..... 147
Czechoslovakia.....159, 161, 167, 171, 173
CZECHOSLOVAKIA, KEY-LAND TO CENTRAL EUROPE. BY MAYNARD OWEN WILLIAMS 111
Czechoslovakia: Map of.....ill. (map) 156
Czechoslovakia: Size of.....171, 177
Czechs, Cleveland, Ohio.....117, 156
Czechs, Czechoslovakia....117, 135, 144-145, 149, 153, 156, 171, 177

"D"

"Dad" (Native of San Cristobal)....ill. 28; text 21, 23, 25-27
Dakka, Afghanistan..... 92
Dalai Lama 561
Dalmatia, Jugo-Slavia.....161, 168, 173
Dalrymple Rock, South America..... 21
Damascus, Syria.....ill. 263; text 280, 289
Dancing, Czechoslovakia: Folk.....ill. 121
Dancing girls, Siam.....ill. 303
Dancing, Marquesas Islands, Pacific Ocean.....33, 35
Dancing, Mongolia: Devil.....ill. 545; text 525
Dancing, Society Islands, Pacific Ocean.....ill. 45
Danish Duchies, War of the..... 158
D'Annunzio, Gabriele: Possession of Fiume..... 173
"Danse intime," Prague, Czechoslovakia..... 119
Danube River..124, 145, 147, 149, 156, 171, 173, 179, 193, 485
Danzig, Free City of....ill. 162; text 160-161, 171, 173
Dardanelles (Hellespont), Zone of Straits....165, 179
Darius I: Palace of..... 465
Darius I: Reference to...text 353, 357; (color insert) Plate I, 401-416, 430
Darius III: Reference to.....387, 393-394
Darjiling, India 495
Darwin, Charles Robert: Reference to..... 626
Dead Sea, Palestine.....117, 280
Declaration of Independence, Czechoslovakia..111, 115
Dedeagatch, Greece..... 167
Dehbid, Persia.....ill. 458
Delaware: Size of.....168, 173
Delhi, India.....ill. 277-279; text (color insert) Plate IV, 281-288, 291, 297, 299-300
Delhi, King of: Reference to..... 512

XUM

Page

Delphi, Greece ... 196
Denmark: King Christian X of ... ill. 158-159
Denmark: Return of Northern Schleswig to ... 160
Derfflinger (Flagship) ... 341
Dervishes, Persia ... ill. 385; (color insert) Plate VIII, 401-416
Descendant of the vikings, A ... ill. 209
Destroyers, American ... ill. 573, 585, 601; text 573, 581-583, 587, 604
Dettva, Czechoslovakia ... ill. 146, 152
Devil dance, Mongolia ... ill. 545; text 525
Devonshire, England ... 2-4
Dilke, Ashton: Reference to ... 505
Diocletian: Reference to ... 181
Diseases, Persia ... 463, 465
Disraeli: Reference to ... 191
"Ditty Box Guide Book" ... 607
Diving for coins, Barbados, British West Indies ill. 14
Diving for coins, Kingston, Jamaica ... ill. 587
Dniester River, Ukraine-Rumania-Galicia ... 177
Dodecanese (Sporades) ... 167
Dodrums, Peru ... 606
Dog receiving his morning bath ... ill. 623
Doges of Venice ... 180
Dolphins, Gulf Stream ... 81
Dome of the Rock, Jerusalem, Palestine: Aerial view ... ill. 262
Don Muang, Siam ... 303, 315
Don River, Russia ... 482
Dooley: Reference to Philippine Islands ... 179
Douglas, Lieut.: Reference to ... 270-271
Dover, Strait of, England ... 240
Dowries, Moravia, Czechoslovakia ... 134
Drake, Sir Francis: Reference to ... 610
Drama, Slovakia, Czechoslovakia ... 143
Dream Ship: Map of the route of ... ill. (map) 4
DREAM SHIP, THE: THE STORY OF A VOYAGE OF ADVENTURE MORE THAN HALF AROUND THE WORLD IN A 47-FOOT LIFEBOAT. BY RALPH STOCK ... 1
Dream Ship: Photographs of ... ill. 2-3, 6, 10, 16-17, 25, 31, 33, 36-37
Droskies, Persia ... 365
Dry Gorge, Las Palmas, Canary Islands ... ill. 8
Dryburgh Abbey, Scotland ... 214
Durance River, France ... 246, 253
Dushan, Stephen: Reference to ... 185
Dutch East Indies ... ill. 318; text 231, 233, 235, 325, 569-570
Dutch Flying School, Kaledjat, Java ... 235, 325
Dwarfie Stone, Hoy, Orkney Islands ... 223

"E"

Eagles, Mongolia ... 493
Earl's Palace, Kirkwall, Orkney Islands ... ill. 228; text 217, 223
Ear-rings, Sumatra, Dutch East Indies ... ill. 310
East Indies: Fishes ... text (color insert) Plate III, 61-68, 75
"East is East and West is West" ... 179
Easter, Russia: Celebration of ... 502
Ecuador ... 23-24, 604
Education, Afghanistan ... 97
Education, Persia ... 388-389
Edward, the Black Prince: Reference to ... 112
Egilsay, Orkney Islands ... 213
Egypt ... ill. 257-258, 261; text 201, 254, 270
Egypt: Turkish interests in ... 167
Eiffel Tower, Paris, France ... 653
Ekaterinburg, Russia ... 478
Ekbatana, Persia ... 353, 430
El-Arish, Egypt ... 278
El'Assar Canal, Basra, Mesopotamia ... ill. 272
Elbe (Labe) River, Germany-Czechoslovakia ... 156, 173
Elburz Mountains, Persia ... ill. 396, 398, 426; text 354, 361-362, 367, 389, 391, 395, 436
Electric mules, Panama Canal ... ill. 592; text 603
Elephants, Mahaveliganga River, Ceylon ... (color insert) Plate V, 281-288
Elizabeth, Queen: Reference to ... 499
El Rito de les Frijoles, N. Mex ... ill. 656
El Tovar, Grand Canyon, Ariz ... 645
Embroidery, Czechoslovakia ... ill. 152, 154
Embroidery workers, Dettva, Czechoslovakia ... ill. 152

Page

Emden (Raider) ... 324, 570
Emigration, Greece ... 195
Engadine, Switzerland ... 493
Engineering without smoke ... 621
England ... 229, 232-233, 235, 239, 241, 259, 271, 313, 351
England: Midlands ... 144, 146
English Channel ... 242, 469
England: Grasses ... 636
Enzali, Persia ... ill. 358, 424; text 357, 360, 364
Epirus, Greece ... 177
Equator ... 311, 325
Equator, Crossing the ... 605-607, 610-611
Estates of Bohemia: Meeting place of ... 112
Esther, Queen: Reference to ... 386
Esther, Queen, Tomb of ... 430
Esthonia ... ill. 165; text 159
Esthonia: Independence of ... 169
Esthonia: Size of ... 169
Eupen, Belgium ... 160
Euphrates River, Asia ... ill. 266; text 167, 179, 264, 289, 293
Europe: Map of ... Supplement, Feb. 1921; ill. (map) 4
Europe, The New Map of. By Ralph A. Graves ... 157
Euxine Sea, see Black Sea.
EVERY-DAY LIFE IN AFGHANISTAN. BY FREDERICK SIMPICH AND "HAJI MIRZA HUSSEIN" ... 85
Expedition, A New National Geographic ... 637

"F"

Fair Isle, Scotland ... 213
Fair, Mongolia ... 525-527, 533, 540-542
"Falling Worship," Mongolia ... 524
FAMILIAR GRASSES AND THEIR FLOWERS. BY E. J. GESKE AND W. J. SHOWALTER ... 625
Family life, Afghanistan ... 95
Farm scenes, Orkney Islands ... ill. 214-215
Fars Province, Persia ... 353
Fath Ali Shah: Reference to ... 389, 431
"Father of Ichthyology," see Artedi, Peter.
Fatima: Reference to ... 376
Fauna, Marine ... 57, 59, 60
Federated Malay States ... 231, 233
Felde Road, Las Palmas, Canary Islands ... ill. 9
Ferris wheels, Bagdad, Mesopotamia ... ill. 562
Ferris wheels, Irkutsk, Siberia ... ill. 489
Festivals, Prague, Czechoslovakia ... ill. 123
Figs, Smyrna, Asia Minor ... 176
Fiji Islands, Pacific Ocean ... 570
Filefishes ... 75
Finisterre, Spain ... 3
Finland, Gulf of ... 165
Finland: Helsingfors (Helsinki) ... ill. 163
Finland: Independence of ... 167-168
Finland: Size of ... 167-168
Fire temples, Afghanistan: Zoroastrian ... 91
Fireweed (*Epilobium angustifolium*), Siberia ... 474
Fire-Worshipers, Persia ... ill. 380; text 381, 389, 393
Fiscal systems, New states of Europe ... 177
Fishermen, Orkney Islands ... ill. 209, 211
Fishes, Florida ... text (color insert) Plates I, V-VII, 61-68, 69, 71
Fishes, Food value of ... 60, 71, 75
Fishes, Interesting Citizens of the Gulf Stream. By Dr. John T. Nichols ... 69
Fishes, Mongolia ... 513
Fishes, Poisonous ... 75
Fishes: Treasure-House of the Gulf Stream. By John Oliver La Gorce ... 53
Fishes, Tropical ... 69, 71, 75
Fishes, United States ... 53
Fishes, Warm-Sea ... Color insert, XVI Plates, 61-68
Fishing-boats, Kirkwall Bay, Orkney Islands ... ill. 220
Fishing-boats, Lerwick, Shetland Islands ... ill. 222
Fishing industry, Lerwick, Shetland Islands ... 222-224
Fitful Head, Shetland Islands ... 202
Fiume, Free State of ... 173
Flamingo Bay, Fla.: Flamingoes ... 60
Flamingoes, Bahama Islands, West Indies ... 60
Flamingoes, Florida ... 60
Flamingoes, Miami Aquarium ... 60
Flamingoes, United States ... 60

Page

Flies, Panama Canal ... 603
Floating fortresses, One of the American navy's ... ill. 572
Flores, Malay Archipelago ... 329
Florida ... ill. 54-57, 73-74
Florida: Fishes ... text (color insert) Plates I, V-VII, 61-68, 69, 71
Florida: Flamingoes ... 60
Florida Keys: Fishes ... text 60; (color insert) Plates II-III, VIII, 61-68
Florida: Tropical fishes ... 69, 71
Flounders, Gulf Stream: Spotted ... 69
Flounders, Sand ... 83-84
Flower girls and boys at a way station on the Trans-Siberian Railway ... ill. 476-477
FLOWERS OF GRASSES IN COLOR. Color insert. VIII plates ... 627-634
Flowers, Persia ... 356
Flowers, Siberia ... ill. 476-477; text 487-488
Flying-Fishes ... 81
Flying-machine, Grand Canyon, Ariz ... ill. 649
Folkestone, England ... ill. 240; text 240-241
Fontana, Domenico: Obelisk, Rome, Italy ... 250
Food, Afghanistan ... 108
"Foot of the Throne" ... 363
Foreigners, Afghanistan: Exclusion of ... 85, 110
Foreigners, Tibet: Exclusion of ... 88
Forest zone, Mongolia ... ill. 536
Fort Jamrud, British India ... ill. 92
Fort of Bala Hissar, Afghanistan ... ill. 88
4311 (Seaplane) ... 595, 599-601, 603
Fountain of Ali, see Chashmah-i-Ali, Persia.
Four-eyed fishes (*Chaetodon capistratus*) (color insert) Plate III ... 61-68
France ... 233, 241, 253, 313, 315, 325
France: Dug-outs ... 1
France: Mandate over Syria ... 552, 557
France, Paris: Aerial view of ... ill. 242
France: Treaty of Paris, 1856 ... 168
Franz-Josephs Bahnhof, see Wilson Station, Prague, Czechoslovakia.
Franz, Emperor Joseph: Reference to ... 181
Freaks of fishdom ... (color insert) Plate V, 61-68
Frederick the Great: Reference to ... 505
Freight-boat, Obi River, Siberia ... ill. 478
French Colonial Empire ... 552
Frescoes, Athens, Greece ... 195
FROM LONDON TO AUSTRALIA BY AEROPLANE: A PERSONAL NARRATIVE OF THE FIRST AERIAL VOYAGE HALF AROUND THE WORLD. BY SIR ROSS SMITH, K. B. E. ... 229
Fruit, Persia ... 356
Fuel, Mongolia ... 543
Funeral flames, Prague, Czechoslovakia ... 113, 116
Funerals, Persia ... ill. 386
Fustanella, Greece ... 196

"G"

Gabarabad, Persia ... (color insert) Plate VII, 401-416; text 463, 465
Gaillard Cut, Panama Canal ... ill. 596
Galapagos Islands, Ecuador ... ill. 28-30; text 21, 23-25, 30, 47
Galapagos Islands, Ecuador: Origin of name ... 30
Galata Bridge, Constantinople: Aerial view ... ill. 172
Galata, Constantinople ... 172
Galicia ... 170
Galicia, Eastern ... 171
Gallipoli Peninsula, see Suvla Reservation.
Ganges, British India ... ill. 294; text 307, 512
Garden of Eden ... 271, 293
Garden of Gethsemane, Jerusalem, Palestine: Aerial view ... ill. 262
"Garden of the Forty Colts," Persia ... 467
"Garden of the Thousand Nightingales," Persia ... 467
Gardens, Persia ... 256, 467
Garibaldian hosts ... 116
Gases, Deadly ... 343-345
Gates, Teheran, Persia ... ill. 427
Gatun Lake, Panama ... ill. 605; text 593
Gatun Lock, Panama Canal ... 11, 14
Gatun Spillway, Panama Canal ... ill. 593
Gaul ... 485

Page

Gaza, Palestine ... 278-279
Gendarme, Persia ... ill. 354
Genghis Khan: Reference to ... 484, 507, 510, 516, 535, 540
Genoa, Gulf of, Italy ... 253
Genoa, Italy ... 173
Geographers, Portuguese: Name for Ceylon ... text (color insert) Plate II, 281-288
Geographical names, Czechoslovakia ... 133, 143, 145, 156-157
George I, King of Greece: Reference to ... 185
Georgia ... 130
Georgia, Asia ... 167, 364, 569
Germans, Czechoslovakia ... 173
Germanus, Archbishop: Reference to ... 187
Germany ... 155, 157, 507, 569
Germany: Airships ... 351
Germany: Territorial losses ... 159, 161-162, 170
Geske, E. J.: Familiar Grasses and their Flowers ... 625
Ghashgais, Persia ... 354
Ghats, Ganges, Benares, India ... ill. 294
Gibbon: Reference to ... 190
Gilmour, James: Travels ... 518-519
Girl of Oraibi, Ariz ... ill. 662
Gladstone: Midlothian campaign ... 191
Goatfishes, Yellow ... ill. 78
Goats, Marquesas Islands, Pacific Ocean ... 32-33
Gobel: Photograph of ... ill. 516
Gobi Desert, Mongolia ... 536, 542, 601
Gobies, Gulf Stream: Gray ... 69
"Gobs" ... ill. 573, 578-579; text 594, 619, 624
"God Willed It" ... text (color insert) Plate X, 401-416
Gold Mines, Mongolia ... 513
Golden Horn, Zone of the Straits ... 179
"Good old rule, The" ... 179
Gorizia (Görz), Italy ... 175
Görz, see Gorizia, Italy.
Governor of Persia: Photograph of ... ill. 276
Governor of Ruthenia, Czechoslovakia ... 145-146
Gow, John: Reference to ... 223
Grain, Persia: Winnowing the ... (color insert) Plate XIV, 401-416
Gran Canaria, Canary Islands ... 3
Grand Canary Island, see Gran Canaria, Canary Islands.
Grand Canyon, Ariz ... 426
GRAND CANYON BRIDGE, THE. BY HARRIET CHALMERS ADAMS ... 644
Grand Sherif of Mecca ... 167
Grand Trianon, Versailles, France ... 165
Granite Gorge, Grand Canyon, Ariz ... 645, 648
Grasses, Africa ... 625
Grasses and their Flowers, Familiar. By E. J. Geske and W. J. Showalter ... 625
Grasses, Canada ... 625
Grasses, England ... text 636; (color insert) Plates II, V, 627-634
Grasses in Color, Flowers of ... Color insert. VIII plates, 627-634
Grasses, Missouri ... text (color insert) Plate IV, 627-634
Grasses, New York ... text (color insert) Plate IV, 627-634
Grasses, Ohio Valley ... text (color insert) Plate IV, 627-634
Grasses, Russia ... 625
Grasses, Siberia ... 625
Grasses, South America ... 625
Grasses, United States ... text 625, (color insert) Plates II, IV, VI-VII, 627-634, 636
Graves, Ralph A.: New Map of Europe, The ... 157
Great Britain: Mandate over Palestine and Mesopotamia ... 552
Great Britain, Population of ... 474
Great Britain: Territorial accessions ... 167
Great Britain: Treaty of Paris, 1856 ... 168
Great Novgorod, Russia ... 504
Great South Bay, N. Y.: Brown sharks ... 81
Greece ... ill. 170; text 190, 193-195, 265, 353, 552, 569
Greece: Control of Rhodes Island ... 175
Greece: Monasteries ... 187
Greece: Territorial accessions ... 167, 175, 177
Greek Orthodox Church ... 139
Greek War for Independence ... 187

Page

Greeks 193-195
Greenland: Map of ..... ill. (map) 4
Grocery stores, Persia 377
Groupers 71, 74
Grunts ..... (color insert) Plate VII, 61-68, 78; text 84
Grunts, Blue-striped (*Haemulon sciurus*) ..... (color insert) Plate VII, 61-68; text 84
Grunts, French 84
Grunts, Yellow ..... ill. 58
Guam, Pacific Ocean 569-570
Guano, Peru 606
Guano-birds, Peru 606
Guantanamo Bay, Cuba ..... ill. 575, 584-585; text 587, 590-591
Guantanamo, Cuba ..... ill. 577-578, 580; text 586, 593, 598
Guantanamo River, Cuba 592
Guardian Lion, Hamadan, Persia ..... ill. 430
Guards, Afghanistan ..... ill. 96
Guayaquil, Ecuador 23
Gulf of California: Fishes ..... text (color insert) Plate III, 61-68
Gulf of Mexico 69
Gulf of Obi, Siberia 478, 480, 497
Gulf Stream 582-583, 605
Gulf Stream, Interesting Citizens of the. By Dr. John T. Nichols 69
Gulf Stream, Treasure-House of the. By John Oliver La Gorce 53
Guns, Fourteen-inch ..... ill. 609
Gyantse, Tibet: Palkhor Choide Monastery ..... ill. 561
Gypsies, Irkutsk, Siberia: Russian ..... ill. 475
Gypsies, Persia 397

"H"

Hafiz, Shams ed-din Muhammad: Reference to 465
Haiduks, Serbia, Jugo-Slavia 190
Haidutin, Bulgaria 190
Hailar, Manchuria ..... ill. 513, 520, 547; text 516, 535, 537
Hakon: Reference to 213, 217
Halifax, Canada: Explosion in the harbor of 341
Hall of a Hundred Columns, Persepolis, Persia text (color insert) Plate I, 401-416
Hall of Forty Columns, see Chahal Situn, Ispahan, Persia.
Hamadan, Persia ..... ill. 386, 388, 430; text 363, 424, 430
Handel, George Frederick: Largo 133
Handley-Page aeroplane 229
Hangchow, China ..... ill. 556
Hansen, Timothy: Reference to ..... text (color insert) Plate II, 627-634
Hapsburgs 113, 115, 135, 161
Harbin, Manchuria 474
Harbor, Lerwick, Shetland Islands ..... ill. 222
Harbor, Scalloway, Shetland Islands ..... ill. 221
Harbor, Smyrna, Asia Minor ..... ill. 174
Harbor, Stromness, Orkney ..... ill. 225
Harems, Afghanistan 97
Haroun-al-Raschid: Reference to 268, 291, 387
"Hassein, Haji Mirza." Every-Day Life in Afghanistan 85
Hatfield (Destroyer) 599
Hawaiian Islands, Pacific Ocean 569-570
Hawks, Calcutta, India 296, 305-306
Hazarah Shiite tribe, Afghanistan 110
Headgear, Afghanistan 105
Headgear, Mongolia ..... ill. 510-512, 514-528, 531-532, 534; text 542
Headgear, Persia ..... ill. 378; text 381
Hedjaz, Asia 167, 552, 569
Hedjaz, Asia: Size of 569
Helgoland, Germany 161
Heliopolis, Egypt 269, 271
Hellas, Greece 196
Hellenes, Kingdom of the 170, 175
Hellespont, see Dardanelles, Zone of Straits.
Helsingfors (Helsinki), Finland ..... ill. 163
Helsinki, see Helsingfors, Finland.
Henna, Persia: Use of ..... ill. 387; text 377, 447
Hephaistos street, Athens, Greece 195
Herat, Afghanistan 90-91, 105
Heraz River, Persia 395
Herds, Mongolia 516

Page

Hermes: Reference to 196
Herodotus: Reference to 189
Herring, Gulf Stream 69, 81
Herzegovina, Jugo-Slavia 168, 175
High Tatra Mountains, Czechoslovakia 133, 135, 149
Himalaya Mountains, Asia 495, 552, 558, 560
Hind 71, 74
Hind, Rock (*Epinephelus adscensionis*) ..... (color insert) Plate VI, 61-68; text 71, 74
Hind, Spotted 74
Hindu Kush Mountains, Afghanistan 87, 91
Hinduism: Teachings of ..... text (color insert) Plate I, 281-288
Hit, Mesopotamia ..... ill. 264, 266; text 289
Hivaoa, Marquesas Islands, Pacific Ocean 35
Hkalka types, Mongolia ..... ill. 519
Hollein, Czechoslovakia 119
Holstein, Germany 160
Holy men of Persia reading the Koran ..... (color insert) Plate VIII, 401-416
Homer: Reference to 196, 484
Honolulu, Oahu, Hawaiian Islands 47
Honor guard of Sikhs, Bombay, India ..... (color insert) Plate I, 281-288
Hood, Robin: Reference to 191
Hooghly River, India 304
Hopi Indians, Ariz. ..... ill. 651, 654-655, 662-663
Hopi Indians, N. Mex. ..... ill. 639
Horne, Capt.: Reference to 254-255
Horse Latitudes, Peru 606
Horses, Mongolia ..... ill. 527-533, 536, 538-539, 541; text 517-518, 527
Hoseim: Reference to 376-377, 379
Hospital, Kabul, Afghanistan 86
Hospitality, Mongolia 549-550
Hotel de Paris, Teheran, Persia 376
Hounslow, England 239-240, 245, 277, 325-326, 336-337
Houses, Afghanistan ..... ill. 103
Houses, Czechoslovakia: Slovak ..... ill. 152; text 140
Houses, Orkney Islands ..... ill. 212, 216, 222, 226
Houses, Sumatra, Dutch East Indies: Battak ..... ill. 311
Houses, Tongo Islands, Pacific Ocean ..... ill. 52
Hoy Island, Orkney Islands 223
Hradčany, Prague, Czechoslovakia ..... ill. 112; text 111
Hughes, Capt. Owen: Reference to 321
Hughes, Right Hon. W. M.: Reference to 337
Huklijevo, Czechoslovakia: Russian church ..... ill. 139
Hulagu: Reference to 361
Humboldt Current 605-606
Hungarian rhapsodies 137
Hungary 157, 161, 167, 173
Hungary: Population of 161
Hungary: Size of 161, 177
Hungary, Surrender of Bosnia and Herzegovina 175
Huntington (Cruiser), Aerial view ..... ill. 598
Hurley, Capt. Frank: Reference to 331
Husein Ibn Ali: Reference to 569
Huseinabad, Persia 425
Hussites 130
Huss Monument, Prague, Czechoslovakia 113
Huts, Afghan Turkestan, Afghanistan ..... ill. 102
"Hutukhtu" of Bogda Khan 513
Hyderabad, India ..... ill. 559; text 297
Hyrcania, Persia 394

"I"

Iceland 197
"Ich Dien" (Motto) 112
Ichthyology 59
Iduho (Battleship) 574
Illiteracy, Slovakia, Czechoslovakia 135
Illyrian tribes 189
Imam Rizas, Meshed, Persia 110
Imperial Enclosure and Seraglio, Constantinople: Aerial view ..... ill. 172
Imperial Russian Geographical Society 489
"In spite of rock and tempest's roar" 177
Incas, Peru 612-613
Independence Arch, Seoul, Korea ..... ill. 564
India ..... ill. 277-279, 290, 292, 294, 296, (color insert) Plates I, IV, VIII, 281-288; text 229-231, 233, 271, 295, 302, 305
India: World War 552

Page

Indian Government....230-231
Indian Ocean....361
Indian Ocean: Fishes..text (color insert) Plate V, 61-68
Indian soldiers recruited by the British to guard the Afghan frontier....94
Indiana (Battleship)....340
Indians, Ariz....ill. 651, 654-655, 660, 662-663
Indians, New Mexico....ill. 639-641, 664
Indians, Peru....ill. 614; text 615, 619
Indo-China, French....299, 507, 557, 568
Indo-China, French: Size of....557
Indo-China, French: World War....552
Indus River, Asia....297, 353
Industries, Afghanistan....109
Industries, Shetland Islands....222-224
Infantry, Afghanistan....ill. 99
Ingle-nook, Orkney Islands....ill. 216
Inscriptions on tombstones, St. Magnus Cathedral, Orkney Islands....ill. 205; text 217
Interallied Commission....165
INTERESTING CITIZENS OF THE GULF STREAM. BY DR. JOHN T. NICHOLS, CURATOR OF RECENT FISHES....69
Inter-fleet athletic competition....571
Ionian Islands....180
Ionian Sea....195
Iran (Official name of Persia)....507
Iranian-Aryan Tadjiks, Afghanistan....91
Iranian Plateau, Persia....353-354, 361, 393, 395, 444
Ireland: Peat....206
Ireland, Population of....474
Irkutsk, Siberia....ill. 475, 482-483, 486-487, 490; text 473, 484-485, 496, 562
Irrawaddy River, Burma....307
Irrigation, Peru....612-613
Irtish River, Siberia....472-473, 480-481, 495
Irving, Washington: Reference to....217
Ishim Valley, Siberia....481
Island of Manhattan, N. Mex.: Ancient....640
Island of Stone Money, see Yap, Pacific Ocean.
Islands, Pacific Ocean....47
Ismailia Canal, Egypt....271, 276
Ismailia, Egypt....276
Ispahan, Persia...ill. (color insert) Plates XVI, 401-416, 434, 438-440, 442; text 356, 363, 432, 437, 445, 447, 451, 453
Istria, Italy....175
Istria, Italy: "Wilson Line" through....173
"Italia Irredenta"....175
Italian Flying Corps....259
Italy....161, 233, 253, 265
Italy: Protectorate over Albania....175
Italy: Size of....175
Italy: Territorial accessions....175
Ithaca Island, Mediterranean Sea....255
Ivan the Black: Reference to....187
Ivan, the Terrible, Reference to....472, 499

"J"

Jabul-us-siraj, Afghanistan....96
Jaipur, India....565
Jajrud River, Persia....361
Jalalabad, Afghanistan....95-96
Jamaica, British West Indies....ill. 586-589; text 594
James V, King of England....217
Jamrud, British India: Fort....ill. 92
Japan....570
Japan: Mandate over Shantung....569
Japan: Swell-fishes....75
Japan: World War....552, 569
Jarlshof Castle, Shetland Islands....204-205
Jason: Reference to....196
Java, Dutch East Indies....ill. 312, 314, 316-317; text 235, 277, 319, 323, 325, 327
Javier: Reference to....624
Jellicoe, Admiral: World War....197
Jenghiz Khan: Reference to....85, 87, 361, 394
Jerusalem Hill, Irkutsk, Siberia....ill. 483
Jerusalem, Palestine....ill. 262; text 193, 202, 430
Jewfishes....71
Jews, Teheran, Persia....381
Jidda, Hedjaz, Asia....569
Jiskra, Jan: Reference to....150

Page

John, King of Bohemia (Surnamed "The Blind")....112
Jordan River, Palestine....280
Jordan Valley, Palestine....280
Judd, Neil M.: Photograph of....ill. 641
Judd, Neil M.: Reference to....640-641
Jugo-Slavia....159, 161, 165, 173, 175
Jugo-Slavia: Size of....168
Julfa, Persia....ill. 421; text 364, 442
Jumna River, India....301, 304
Jutland, Denmark....571

"K"

Kabul, Afghanistan...ill. 86-87, 89, 91; text 85, 88-90, 105, 109-110
Kaibab forest, Grand Canyon, Ariz....645, 648, 650
Kaibab Plateau, Grand Canyon, Ariz....645
Kajar Dynasty, Persia....392
Kajars, Persia....362-363
Kajavehs, Persia....ill. 363, 422, 466; text 371
Kalavrita, Greece....187
Kaledjat, Java....325
Kalgan, Mongolia....513
Kalian, Persia....ill. 374
Kalian, Persia: Smoking the..(color insert) Plate VII, 401-416
Kalmuks, Mongolia....492
Kamarij, Persia....467
Kandahar, Afghanistan....90-91, 109
Kandy chief attired for the King's birthday levee (color insert) Plate VII, 281-288
Kandy, India...(color insert) Plates III, VII, 281-288
Kangaroos, Australia....ill. 328
Kangavar Valley, Persia....425
Kantara, Egypt....ill. 261; text 277-278
Kara Sea....480, 497
Karachi, India....295, 297
Karaj River, Persia....361, 391
Karlovy Vary, see Karlsbad, Czechoslovakia.
Karlsbad (Karlovy Vary), Czechoslovakia....123, 143, 156
Kaschau, see Kassa, Czechoslovakia.
Kashan, Persia....424, 441, 445, 459
Kashkai types, Persia....ill. 458
Kashmir, Asia....ill. 560
Kasr-i-Bahram, Persia....ill. 443
Kasr-i-Shirin, Persia....361, 475
Kassa (Košice), Czechoslovakia....ill. 150; text 145
Kastelorizo (Castellorizzo), Italy....175
Katun River, Siberia....486, 488
Kaula Lumpur, Malay Peninsula....322
Kazerun, Persia....449
Kazvin, Persia..(color insert) Plates VI, XI, 401-416; text 361, 370-371, 437, 449
Kekova Bay, Asia Minor....175
Kentucky bluegrass (*Poa pratensis*)..(color insert) Plate III, 627-634; text 636
Kerbela, Mesopotamia....110, 422, 424
Kerki, Bokhara, Russian Turkestan....109
"Khadaks," Mongolia....541
Khan, Agha Mohammed: Reference to....362
Khan, Amir Amanullah....ill. 108; text 89, 97
Khan, Amir Habibullah: Reference to....97, 108
Khan, Hulagu: Reference to....394
Khan, Mashallas: Reference to....432
Khan, Nasrullah: Reference to....97
Khanikin, Persia....418, 424
Khans, Persia....ill. 390
Khartoum, Africa....291
"Khel" (Afghan tribes)....92
Khiaban-e-Alaed-Dowleh, Teheran, Persia....373
Khiaban-e-Almasieh, Teheran, Persia....375
Khiaban-e-Lalehzar, Teheran, Persia....375, 377-378
Khorasan, Persia....395, 424, 444
Khorjons, Persia....ill. 392
Khouli, Jaffar: Reference to....ill. 436; text 434, 447
Khullar Valley, Persia....454
Khyber Pass, Asia....ill. 93-94; text 92, 98, 108-109
Khyber Rifles, India....ill. 94
Kiaochow, Shantung, China....569
Kiel Canal, Germany....160
King of Delhi: Reference to....512
Kingdom of the Hellenes....170, 175
Kingston, Jamaica....ill. 586-587; text 594-595
Kipling, Rudyard: "On the Road to Mandalay"....309

Page

Kipling, Rudyard: Quotation from 179
Kipling, Rudyard: Reference to 371, 517
Kirghiz, The ..... ill. 470; text 492
Kirk Killisseh, Greece 192
Kirk of Stenness, Orkney Islands 209
Kirkinvág, see Kirkwall, Orkney Islands.
Kirkwall, Orkney Islands ..... ill. 199, 220, 224, 228; text 197, 204, 213, 217, 220, 223-224
Kitchener, Lord: Death of 197
Kitchener, Lord: Monument to 227
Kite balloons ..... ill. 583, 599
Klagenfurt, Austria 161
Klephts, Greece 190
Kol: Reference to 213-214
Kolchak, Admiral: Reference to 473, 499
Kolokotronis: Reference to 191
Komensky (Comenius), Johann Amos: Reference to 150
Komungo, Korea ..... ill. 554
Königsburg, Germany 493
Koran 89, 97, 110
Koran Gate, Shiraz, Persia ..... ill. 450; text 465
Koran, Holy men of Persia reading the ..... (color insert) Plate VIII, 401-416
Koran, Persia 388, 392, 428-429
Korea ..... ill. 554, 564; text 299, 507
Košice, see Kassa, Czechoslovakia.
Kossovo, Jugo-Slavia: Battlefield of 182
Kotor, see Cattaro, Jugo-Slavia.
Koumiss, Mongolia 492
Krakow, Poland 133
Krasnoyarsk, Siberia 473
Krupina, Czechoslovakia 136
Kublai Khan: Reference to 507
Kullahs (Caps), Afghanistan 101
Kumishah, Persia 456
Kurdistan, Asia ..... text 167 (color insert) Plate XII, 401-416, 417-418, 552
Kurds, Persia 354, 381, 425
Kurnah, Mesopotamia 293
Kut, Mesopotamia 291
Kut-el-Amara, Mesopotamia 291
Kyakhta, Siberia ..... ill. 499, 500; text 496, 513
Kyjof, Czechoslovakia 127

"L"

L-72 (Airship) 351
Ladrome Islands, see Mariansas.
Ladysmith, Natal 291
Lafl, Mesopotamia 291
La Gorce, John Oliver. Argosy of Geography, The. Frontispiece, January, 1921.
La Gorce, John Oliver. Treasure-House of the Gulf Stream 53
Lagosta Island, Italy 173
Laguna Pueblo, N. Mex 664
Lake Baikal, Siberia 473-474, 486, 492-493
Lake Balkash, Central Asia 493
Lake Como, Italy 180
Lake Geneva, Switzerland 180
Lake Scutari, Albania ..... ill. 180
Lake Superior 473
Lake Titicaca, Peru 474
Lake Urumiah, Persia 420
Lalla Rookh, Land of ..... ill. 560
Lamas, Mongolia ..... ill. 517, 519, 543-544; text 506, 521, 524, 526-527, 531, 533, 541-542
Lamas, Sikkim, Asia ..... ill. 558
Lammergeiers, Mongolia 493
Land of Lalla Rookh, The ..... ill. 560
Land of the Black Mountain: Montenegrins 181
"Land of the Lion and the Sun" 365
Lane of the Little Red Shoes, Athens, Greece 195
Langley, Prof.: Flying-machines 339
Language, Afghan 92, 97
Lansing, Mich 148
Laos, French Indo-China 557
"L' Apache" (Miami Aquarium collecting cruiser) ill. 79
Lar Valley, Persia 395
Largo. By George Frederick Handel 133
Las Palmas, Canary Islands ..... ill. 7-9; text 3, 5
Latabund Pass, Afghanistan ..... ill. 104
Latvia ..... ill. 164; text 159
Latvia: Independence of 169
Latvia: Size of 169
League of Nations 160, 162
Leaning Tower, Pisa, Italy 255
Leeches, Persia: Use of 462, 465
Legend of Montenegro 182
Leguia, Augusto B.: Reference to 615, 619
Lena River, Siberia 480
Lerwick, Shetland Islands ..... ill. 222; text 202, 223-224
Levant 194
Lhasa, Tibet 85, 89, 561
Liberec, Czechoslovakia 129
Lido, Italy 179-180
Lido Point, South America 21
Lima, Peru ..... ill. 613, 616-617, 620, 622; text 611-613, 615, 619, 621
Limpets, Shetland Islands ..... ill. 207
Linnæus, Carolus: Reference to 56
Lithuania: Independence of 159, 169
"Little Bright Angel" 649-650
Little Canyon of the Beans, see El Rito de les Frijoles, N. Mex.
Little Carpathians, Czechoslovakia ..... ill. 124
Little Mosque, see Mesjed Koucheek, Kazvin, Persia.
Living Buddhas, Mongolia: Abodes of the 521, 524, 526-527
Lizard men, Murea, Pacific Ocean 49-50
Loch of Harray, Orkney Islands 208
Lock of Stenness, Orkney Islands 208
Lombardo-Venetia, Italy 167
Lombok Island, Dutch East Indies 329
London, England ..... ill. 237-238; text 232, 235, 239, 245, 264, 269, 277, 290-291, 297, 307, 326, 337
London, England, Anti-aircraft defenses of 345
London to Australia by Aeroplane, From. By Sir Ross Smith 229
Long Island, N. Y.: Butterfly fishes 69
Long Island Sound, N. Y 582, 594
Lorraine, France 159, 173
Louvre, Paris, France: Aerial view ..... ill. 242
Lovčen, Jugo-Slavia 180, 187
Low Archipelago, Pacific Ocean 37, 39, 41, 47
Lucknow, India 291
Lule Burgas, Greece 192
Lumber industry, Siberia ..... ill. 481
Lur Tribesman, Persia ..... ill. 357
Luristan Persia 357
Luzon, Philippine Islands 567
Lyle, T. H.: Reference to 315
Lyons, France 242-243, 245-246, 253

"M"

MacDonald, General: Reference to 561
Macedonia, Greece ..... ill. 181-183; text 184-185
Machine-guns, Airplanes 341, 347
Machine-guns, Guantanamo, Cuba ..... ill. 577
Machu Picchu, Peru 637
Mackerels: Forked tail-fin 71
Madras Fisheries Bureau Bulletin 75
Maeshowe, Pomona, Orkney Islands ..... ill. 200; text 201-202, 208
Mafeking, Africa 291
Magnus, St.: Reference to 213
Magyars, The 135, 149, 165, 484
Mahailas, Basra, Mesopotamia 293
Mahaveliganga River, Ceylon: Elephants bathing in the ..... (color insert) Plate V, 281-288
Maid and a bride, Kandy, Ceylon. (color insert) Plate III, 281-288
Maidan-e-Mashk, or Drill Square, Teheran, Persia 375
Maidan-e-Toop haneh, Teheran, Persia 375
Maidan-i-Shah, Persia 447
Maidan, Ispahan, Persia ..... ill. 434
Mail stage, Persia ..... ill. 432, 464
Maimatchin, Mongolia 500
Maimene, Afghanistan 109
Maine: Size of 161
Mainz, Germany 160
Makhtab Khaneh, Persia 392
Mala Strana, Prague, Czechoslovakia ..... ill. 112; text 117
Malacca, Straits Settlement 322
Malay children, Singapore, Malay Peninsula ..... ill. 306
Malay Peninsula ..... ill. 304-305; text 235, 552

Page

Malkis, Afghanistan 110
Malmédy, Belgium 160
Man with broom, Ceylon..(color insert) Plate II, 281-288
Man-cages, Afghanistan ..... ill. 104-106
Manchester, England 363
Manchuria ..... ill. 513; 473-474
Manchus, The 512-513, 546
Mandalay, Burma 566
Manhattan Island, N. Y. 56
Map, Afghanistan ..... ill. (map) 90
Map, Africa ..... ill. (map) 4
Map, Asia ..... Supplement, May, 1921, ill. (map) 4
Map, Australia ..... ill. (map) 4
Map, Czechoslovakia ..... ill. (map) 156
Map, Europe ..... Supplement, February, 1921, ill. (map) 4
Map, Greenland ..... ill. (map) 4
Map, North America ..... ill. (map) 4
Map of Europe, The New. By Ralph A. Graves.. 157
Map of the first aeroplane voyage from London to Australia ..... ill. (map) 230-231
Map of the world ..... ill. (map) 4
Map, Persia ..... ill. (map) 418
Map, Route of the Dream Ship ..... ill. (map) 4
Map, South America ..... ill. (map) 4
Maps, Military 345
March (Morava) River, Czechoslovakia ..... ill. 124
Margaret of Athole: Reference to 204
Mariana Islands, Pacific Ocean 569
Marianske Lazne, see Marienbad, Czechoslovakia.
Marienbad (Marianske Lazne), Czechoslovakia 143, 156
Marienwerder, Germany 160
Markets, Bulgaria: Mat ..... ill. 188
Markets, Panama City, Panama ..... ill. 606-607
Marmora Island, Zone of the Straits 180
Marmots, Mongolia 518
Marquesas Islands, Pacific Ocean ..ill. 34; text 4, 27, 30-33, 35-37, 39
Marriage customs, Afghanistan 92, 95, 97
Marriage customs, Orkney Islands 209
Mars' Hill 194
Marshall Archipelago, Pacific Ocean 569
Mary Queen of Scots: Reference to 217, 223
Maryland (Battleship) 574, 600
Maryland: Size of 168
Masaryk, President: Reference to 177
Mashallas Khan: Reference to 432
Masjid-e-Sepahsalar, Teheran, Persia 375
Massachusetts: Size of 167, 169
Masters, John: Palmerston Island leased by 50
Masudi, Al: Reference to 430
Mathews, Capt.: Reference to 239
Maude, General: Reference to 291
Mazar-i-Sharif, Afghanistan 110
McCandless, Commander Byron: Photograph of ill. 573
McEwan, General: Reference to 297
McKinley County, N. Mex. 637
Mecca, Arabia 422
Mecca, Arabia: Grand Sherif of 167
Medals, badges, decorations, Russia 476
Medes 430
Medes and Persians 375, 430
Media 484
Media, Ancient 353, 362
Mediterranean Sea 247, 256, 280, 353
Medresseh-i Shah Husein, Ispahan, Persia..(color insert) Plate XVI, 401-416
Medjdel, Palestine 279
Megara, Greece: Easter week 196
Mejillones, Chile 476
Mekon River, French Indo-China 314
Melbourne, Australia 290, 337
Melbourne Cup, Australia 229
Melrose Abbey, Scotland 214
Melville, Herman: Typee 31
Memel district 160
Me Nam River, Siam ..... ill. 300-301
Menelik of Abyssinia: Reference to 89
Menhaden fishes 82
Mentone, France 253
Menzils, Persia 433, 441
Merchants, Persia ..... ill. 366
Merry-go-rounds, Irkutsk, Siberia 562

Page

Mersa Matruh, Africa 269
Merv, Russian Turkestan 361
Merv, Russian Turkestan: Oriental rugs 127
Mervdasht, Persia 465
Mesa Verde National Park, Colo. .ill. 652; text 640, 649
Meshed, Persia 109-110, 361
Mesjed Koucheek (Little Mosque), Kazvin, Persia (color insert) Plate XI, 401-416
Mesopotamia ..... ill. 268, 270, 562; text 167, 229, 233, 239, 291, 293, 357, 361, 417, 431, 462, 552
Mesopotamian campaign 289, 291, 293
Mesopotamian plains 353
Messenger plane ..... ill. 346
Meteora, Greece 187, 189
Meteora, Greece: Monasteries 654
Methodists 130
Metkovic, Jugo-Slavia 173
Metropolitan Monastery, Cetinje, Jugo-Slavia 187
Metropolitan Museum of Art, New York, N. Y. 56
Miami Aquarium ..... ill. 54, 56-57, 74
Miami Aquarium Association: Advisory Committee 60
Miami Aquarium Association: Expedition to Andros, Bahama Islands 60
Miami Aquarium Association: Officers 60
Miami Aquarium: President of the 60
Miami Aquarium: Treasure-House of the Gulf Stream. By John Oliver La Gorce 53
Miami Beach, Fla. ..... ill. 54-55, 73-74; text 53, 56
Miami, Fla.: Aquarium ..... ill. 54, 56-57, 74; text 53, 56
Mice, Mongolia: Field 518
Michigan-Ohio boundary dispute 147-148
"Micky" receiving his morning bath ..... ill. 623
Midlothian campaign 191
Midsummer Festival, Mongolia 525-527, 533, 540-542
Midway Islands, Pacific Ocean 569-570
Mills, Malay Peninsula: Coconut ..... ill. 305
Milwaukee, Wis. 148
Mindanao, Philippine Islands 552, 570
Mindoro Island, Philippine Islands 365
Mineral resources, Mongolia 513
Mine-sweepers, American ..... ill. 585
Ministry of Justice, Constantinople: Buildings of the ..... ill. 172
Minnows, Forked tail-fin of the fresh-water 77
Minto (Airplane) 231
Miraflores Locks, Panama Canal ..... ill. 25
Miramar Palace 179
Mississippi (Battleship) 574
Mississippi River 473, 485, 512
Missouri: Grasses ..... (color insert) Plate IV, 627-634
Mitchell, Brigadier-General William. America in the Air 339
MODERN PERSIA AND ITS CAPITAL, AND AN ACCOUNT OF AN ASCENT OF MOUNT DEMAVEND, THE PERSIAN OLYMPUS. BY F. L. BIRD 353
Mohammed 372-373, 376, 388
Mohammed Kuli: Char Minar 559
Mohammedan worshipers, Persia ..... ill. 428-429
Mohammedanism, Persia 353
Mohammedanism: Teachings of..text (color insert) Plate I, 281-288
Moharram, Persia ..... ill. 376-377
Moldau (Vltava) River, Czechoslovakia..ill. 112, 118; text 111, 156
Monaco, Monte Carlo: Casino ..... ill. 248; text 253
Monasteries, Balkan States 185, 187
Monasteries, Meteora, Greece 654
Monasteries, Greece 185, 187
Monasteries, Mongolia ..ill. 544; text 520-521, 524, 526
Monasteries, Mount Athos (Monte Santo), Greece 185, 187
Monasteries, Near East: Orthodox 187
Mongol prince ..... ill. 510
Mongol princess ..... ill. 510
Mongolia 473, 482, 486, 492, 496, 505
Mongolia: Size of 542
Mongolia: World War 552
Mongolian fair, Kyakhta, Siberia ..... ill. 500
Mongolian Hazarahs, Afghanistan 91
Mongolians, China 512
Mongolians, Siberia ..... ill. 500-501
Mongols, People of the Wilderness, The. By Adam Warwick 507
Monte Carlo, Monaco ..... ill. 248; text 253

XUM

Page

Monte Santo, see Mount Athos, Greece.
Montenegro, Jugo-Slavia....168, 175, 180, 182
"Montmartre," Prague, Czechoslovakia.... 119
Montreal, Canada.... 473
Moonlight, Persia....367, 400
Morava River, see March River, Czechoslovakia.
Moravia, Czechoslovakia....130-131, 156, 173
Moravians, Czechoslovakia....171, 173
Moray, Green (*Lycodontis funebris*) (color insert) Plate III, 61-68; text 69, 75
Mordecai: Reference to.... 386
Moresnet, Belgium.... 159
Morgan, Sir Henry: Reference to....610, 621, 624
Mosaic map, Rochester, N. Y....ill. 344
Moscow, Russia....363, 471, 475, 479, 493, 507
Moses, George Higgins. Whirlpool of the Balkans, The.... 178
Mosque of Agha, Cairo, Egypt....ill. 258
Mosque of Kheirbek, Cairo, Egypt....ill. 258
Mosque of Sultan Achmet I, Constantinople: Aerial view of the....ill. 172
Mosques, Cairo, Egypt.... 258
Mosquito Inlet, Fla....ill. 82
Moti Kasjid, Delhi, India..(color insert) Plate IV, 281-288
Motion pictures of fish life.... 60
Moulmein, Australia.... 309
Mount Athos (Monte Santo), Greece: Monasteries 185
Mount Demavend, An Account of an Ascent of. By F. L. Bird.... 393
Mount Demavend, Persia....375, 445
Mount Elwend, Persia....425, 430-431
Mount Everest, Nepal....552, 563
Mount Hermon, Palestine.... 280
Mount Ida, Asia Minor.... 266
Mount Lassen, Calif.: Crater of a cinder cone near 349
Mount McKinley, Alaska.... 647
Mount Olympus, Greece.... 393
Mount Pagus, Asia Minor.... 176
Mount Vesuvius, Naples, Italy....ill. 254; text 260
Mousa, Shetland Islands: Brochs....202, 204
Mouse fishes....79, 81
"Mouse Island," see Pontikonisi, Greece.
Mowbray, L. L.: Reference to....59-60, 75
Mud baths, Pistyan, Czechoslovakia.... 147
Mules, Persia: Drove of..(color insert) Plate IX, 401-416
"Mumpus, Mr.": Manufacture of pearls..38, 43-45, 47
Muntok Island, Dutch East Indies.... 325
Murayama, Hashime. Warm-Sea Fishes....Color insert. XVI plates, 61-68
Murea, Pacific Ocean: Lizard men of....49-50
Musallah, Persia....430-431
Museum of Oceanography, Monaco.... 59
Museum, Teheran, Persia: Modern.... 375
Museum, Turocz, Sz. Martón, (Turč. Sv. Martin), Czechoslovakia.... 141
Musi River, British India.... 559
Music, Slovakia, Czechoslovakia.... 143
Musical instruments, Korea....ill. 554
Mussulmans, The.... 492
Mustard gas.... 344
Mutton, Persia: Preparing....ill. 370
Muttonfishes.... 76
Muttra, India.... 301
Mysłowitz, Silesia: Wilhelmplatz....ill. 160

"N"

Nagar Aliche: Reference to.... 447
Naksh-i Rustam, Persia..(color insert) Plate XIII, 401-416
"Name Day" of the Tsarevitch....477-478
Naples, Italy....ill. 252, 254; text 260
Napoleon I: Reference to.... 505
Naranjo, Santiago: Photograph of....ill. 641
Narodny Dom café, Turocz. Sz. Martón (Turč. Sv. Martin) Czechoslovakia.... 143
Narova River, Russia, Esthonia.... 165
Narva, Esthonia....ill. 165-166
Naser-ed-din Shah: Reference to.....355, 363-364, 392
Naksh-i Rustam, Persia: Tombs.... 405
Nassau, Bahama Islands, West Indies.... 60
National Geographic Society Expedition, A New 637
National Geographic Society: Manuals of Peru... 619

Page

National Geographic Society Reconnaissance Party of 1920....637, 641
National Library, Athens, Greece.... 195
Natives, Afghanistan....ill. 94-96, 98-99, 101-103, 108; text 91-92, 97, 105, 108-110
Nauplia, Greece.... 195
Nausicaa: Reference to.... 196
Navajo Desert, Ariz.... 653
Navarino, Greece.... 184
Navigation, Aerial.... 243
Nazareth, Palestine.... 280
Near East....179, 181, 185, 193, 197
Near East: Orthodox monasteries.... 187
Nebraska: Agriculture.... 513
Nebuchadnezzar: Reference to.... 98
Nedjef, see Nejef, Mesopotamia.
Needles, Calif....644, 648
Nejef, Mesopotamia....110, 422, 424
Nepal, Asia....ill. 563; text 558
Neptune and his court on board the "*Black Hawk*" ill. 611
Neptune: Reference to....606-607, 610-611
Nestorian massacres, Urumiah, Persia.... 419
Neuilly, France: Treaty with Bulgaria.... 157
Nevada (Battleship)....ill. 609
New England.... 167
New Hampshire: Size of....167, 169
New Jersey: Size of....168, 173
NEW MAP OF ASIA, THE.... 552
NEW MAP OF EUROPE, SHOWING THE BOUNDARIES ESTABLISHED BY THE PEACE CONFERENCE AT PARIS AND BY SUBSEQUENT DECISIONS OF THE SUPREME COUNCIL OF THE ALLIED AND ASSOCIATED POWERS, THE. BY RALPH A. GRAVES.... 157
New Mexico....ill. 638, 642, 656, 658, 664
New Mexico (Battleship)....ill. 594-595; text 574
New Mexico: Ruins of Chaco Canyon.... 637
New Mexico: Size of.... 90
NEW NATIONAL GEOGRAPHIC SOCIETY EXPEDITION, A. RUINS OF CHACO CANYON, NEW MEXICO, NATURE-MADE TREASURE-CHEST OF ABORIGINAL AMERICAN HISTORY, TO BE EXCAVATED AND STUDIED.... 637
"New Order".... 169
New South Wales, Australia: Blue Mountains..ill. 331
New States of Europe: Fiscal systems.... 177
New States of Europe: Problems of the.... 177
New York Aquarium, Manhattan Island, N. Y.....39, 56, 60
New York City: Battery Park, Aerial view.....ill. 348
New York City: Location of....343-345, 351
New York: Grasses..text (color insert) Plate IV, 627-634
New York (State): Size of....167, 173
New York Zoölogical Society Bulletin: Tropical fish poisoning.... 75
New Zealand....47, 52
Newspapers, Afghanistan....88, 97
Nice, France.... 253
Nichols, Dr. John T. Interesting Citizens of the Gulf Stream.... 69
Nicholas I, King of Montenegro: Reference to... 182
Nikolsk Ussuriiskii, Siberia: Railway station...ill. 498
Nikshich (Nikšić), Jugo-Slavia.... 181
Nikšić, see Nikshich, Jugo-Slavia.
Nile Delta, Egypt.... 276
Nile River, Egypt.....ill. 260; text 269, 485
Nile Valley, Egypt.... 293
Nineveh, Asia.... 430
Niš, see Nish, Jugo-Slavia.
Nish (Niš), Jugo-Slavia.... 184
"No zdar!" (To you success!)....121, 156
Nocturnal fishes....ill. 78
"Nodes".... 626
Nogat River, Germany: Children on the banks of the....ill. 161
Nomads, Persia....ill. 391, 462; text 392
Nomeus....79, 81
Nonnezoshi Bridge, Utah.... 641
Norsemen, Orkney Islands....197, 200-201, 209, 213
North America: Map of....ill. (map) 4
North Carolina: Southport....ill. 350

North Pole ... 552
North Sea ... 173
North Sea: Airships ... 351
North Sea mine barrage ... 197-198, 223
Novaya Zemlya, Russia ... 480, 497
Novo Nikolaevsk, Siberia ... 485, 493
Nukualofa Club, Nukualofa, Tongatabu, Tonga Islands, Pacific Ocean ... 51
Nukualofa, Tongatabu, Tonga Islands, Pacific Ocean ... 51
Nukuhiva, Marquesas Islands, Pacific Ocean ... ill. 34; text 30-32
Number One Australian Flying Squadron ... 229

"O"

Obelisk, St. Peter's, Rome, Italy: Aerial view ... ill. 250
Obi, Gulf of, Siberia ... 478, 480, 497
Obi River, Siberia ... ill. 478, 480; text 473, 481, 485-486, 495
Obo, Mongolia ... ill. 538, 542-543; text 526-527, 539
Observation Air Service ... 346
Occupations, Persia ... 354
Oceanic Bonitos, Gulf Stream ... 81
Octopus ... ill. 57
Oder River, Germany ... 156, 171, 173
Oderberg (Bohumin) Czechoslovakia ... 145
Officers, Miami Aquarium Association ... 60
Ohio (Battleship) Aerial view ... ill. 338
Ohio-Michigan boundary dispute ... 147-148
Ohio: Size of ... 165
Ohio Valley: Grasses ... text (color insert) Plate IV, 627-634
Oil, Persia ... 393
Oklahoma (Battleship) ... ill. 575
Olcott, Charles S. Orkneys and Shetlands—A Mysterious Group of Islands, The ... 197
Old Chester ... 117
"Old Order" ... 169
Old Providence Island, Colombia ... 595, 599, 623
Olympia, Greece ... 196
Omar Khayyam: Reference to ... 417
Omsk, Russia ... ill. 479; text 473, 493
"On the Road to Mandalay." By Rudyard Kipling 309
Opium, Persia ... 441
Oraibi, Ariz ... ill. 662
Orchard grass (*Dactylis glomerata*) (color insert) Plate VIII, 627-634; text 636
Orenburg, Russia ... 479
Orient ... 179
Orient Express ... 184
Orkneyinga Saga, Orkney Islands ... 197, 202, 204
ORKNEYS AND SHETLANDS—A MYSTERIOUS GROUP OF ISLANDS, THE. BY CHARLES S. OLCOTT ... 197
Ormazd, Statue of ... (color insert) Plate XIII, 401-416
Orthodox Greek Church ... 185
Ottoman Empire ... 291
Owl (Airplane) ... ill. 346
Ox-carts, Mongolia ... ill. 535; text 516, 551
Ox-teams, Czechoslovakia ... ill. 135, 138
Oxus River, Asia ... 353, 365

"P"

Pacific Fleet ... 571, 603, 611, 621, 624
Pack-trains, Grand Canyon, Ariz ... ill. 646-647, 650
Pact of London Boundary ... 173
Paddy fields, Java ... 325, 327
Pagodas, Burma ... ill. 566
Painted Desert, Ariz ... ill. 661
Palais Royal, Paris, France: Aerial view ... ill. 242
Palestine ... ill. 262; text 229, 233-234, 271, 277, 280, 552, 569
Palestine: British mandatory ... 167
Palestine: British occupation of ... 261, 277
Palkhor Choide Monastery, Gyantse, Tibet ... ill. 561
Palm trees, Miami Beach, Fla ... ill. 55, 73
Palmerston Island, Pacific Ocean ... 4, 49-50
Palmyra, Syria: Ruins of ... 289
Panama ... ill. 22, 24-26, 592-594, 596-597, 601-602, 604-607; text 350, 571, 604, 606, 611, 621, 624
Panama Canal ... ill. 24-25, 592-594, 596; text 7, 10-11, 14-16, 22, 26, 593, 603, 637
Panama City, Panama ... ill. 26, 602, 604, 606-607; text 16
Panama: Fishes ... text (color insert) Plate III, 61-68
Panama, Isthmus of, Panama ... 1, 15-16
Pandar, Dutch East Indies ... 329
Papeete, Tahiti, Society Islands ... ill. 45-46; text 31, 35, 41-42, 47, 49
Parades, Prague, Czechoslovakia ... ill. 114, 120; text 113, 116
Pardubice, see Pardubitz, Czechoslovakia.
Pardubitz (Pardubice), Czechoslovakia ... 173
Paris, France ... ill. 242; text 239, 271
Parliament House, Athens, Greece ... 191
Parrot fishes, Rainbow (*Pseudoscarus guacamaia*) (color insert) Plate VIII, 61-68; text 69
Parsees, see Fire-Worshipers.
Parthenon, Athens, Greece ... 195
Parthia, Asia ... 353
Pasargadæ, Persia ... ill. 446; text 465
Pascal (Paumotan native) ... ill. 36; text 35-37
Passenger boat, Obi River, Siberia ... ill. 480
Pasture lands, Mongolia ... ill. 536
Patras, Greece ... 195
Paumota Island, Pacific Ocean, see Low Archipelago, Pacific Ocean.
Peace Conference at Paris, Boundaries Established by, New Map of Europe. By Ralph A. Graves 157
Pearl blisters artifically produced by "Mr. Mumpus" ... ill. 38; text 43-45, 47
Peace Conference, Paris ... 569
Pearl divers, Low Archipelago, Pacific Ocean ... ill. 40, 42; text 39, 41-43
Pearl divers, Thursday Island, Australia ... ill. 48
Pearl fisheries, Thursday Island, Australia ... 48, 52
Pearl Mosque, Agra, India ... ill. 292
Pearl rush, Low Archipelago, Pacific Ocean ... 41
Pearl shells, Low Archipelago, Pacific Ocean 39, 41-43
Pearl shells, Marquesas Islands, Pacific Ocean ... 35, 37
Peasants, Czechoslovakia ... ill. 126, 141, 144
Peasants, Siberia ... ill. 474, 490, 492; text 491
Peat, Ireland ... 206
Peat, Shetland Islands ... ill. 206
Pechenga District ... 168
Pedro Miguel, Panama ... ill. 24; text 15
Peipus, Lake, Russia-Esthonia ... 165
Peking, China ... 474, 496, 507, 516, 543
Peleus: Reference to ... 184
Pelew Islands, Pacific Ocean ... 569
Pelicans ... ill. 82; text 71
Pelicans, Florida: Brown ... 71
Peloponnesus, Greece ... 195
Penang, Straits Settlement ... 319, 321
Pennsylvania (Battleship) ... ill. 583; text 574, 621, 624
Pennsylvania: Size of ... 168
Pentland Firth, Scotland ... 214
PEOPLE OF THE WILDERNESS, THE MONGOLS, ONCE THE TERROR OF ALL CHRISTENDOM, NOW A PRIMITIVE, HARMLESS NOMAD RACE. BY ADAM WARWICK ... 507
Pera, Constantinople ... ill. 172
Perfume, Bulgaria ... 191
Perrin, Commander: Reference to ... 239
Persepolis, Persia: Portals of ... (color insert) Plate I, 401-416
Persepolis, Persia: Ruins of ... ill. 448; text 353, 465
Persia ... ill. 274-276; (color insert) XVI plates, 401-416; text 233, 570
Persia and its Capital, Modern. By F. L. Bird ... 353
Persia: Map of ... ill. (map) 418
Persia: Shah of ... 467
Persia: Size of ... 417
Persia: World War ... 552
PERSIAN CARAVAN SKETCHES, THE LAND OF THE LION AND THE SUN AS SEEN ON A SUMMER CARAVAN TRIP. BY HAROLD F. WESTON ... 417
Persian Gulf ... ill. 274-275; text 272, 276, 293, 437
Persians ... 109
Personal Narrative of the First Aerial Voyage Half Around the World—From London to Australia by Aeroplane. By Sir Ross Smith, K. B. E. 229
Peru ... ill. 612-614, 616-618, 620, 622; text 571, 593, 603, 606, 611-613, 615, 619
Peshawar, India ... 92, 95, 109-110

Page

Peter I, King of Serbia: Reference to 175
Peterson, Capt. C. W.: Reference to 79
Petřín, Prague, Czechoslovakia 111, 113
Petrograd, Russia 488, 493
Petrovitch dynasty 182
Philadelphia, Pa 593
Philip II, King of Macedon: Reference to 181, 185
Philippine Islands, Pacific Ocean ..... ill. 567; text 552, 569-570
Philippine Islands, Pacific Ocean: Dooley's reference to 179
Philippopolis, Bulgaria 192
Phosgene gas 344
Photographs, Aerial 345
Picts, Orkney Islands 197, 201
Pig farm, Guantanamo, Cuba 591
Pilot-fishes 83
Pilsen (Plzeň), Czechoslovakia ..... ill. 133, 148, 153; text 142, 145, 156
Pipe Creek, Grand Canyon, Ariz 645
Piræus, Greece 195
Pirate, The. By Sir Walter Scott 204, 209, 223, 225
Pirates, South America 23
Piri Bazaar, Enzali, Persia ..... ill. 358
Pisa, Italy 240, 253-255, 259, 266, 271
Pisco, Peru 619
Pistyan, Czechoslovakia ..... ill. 147, 154
Pius X, Pope: Insignia of ..... ill. 251
Pizarro, Gonzalo: Burial place of 615-617, 619, 621
Platinum, Ural Mountains 472
Pliny, "The Elder": Reference to 9
Plowman, Persia ..... ill. 394
Plzeň, see Pilsen, Czechoslovakia.
Podkarpatska Rus, see Ruthenia, Czechoslovakia.
Poi, Hawaiian Islands 44
Pola, Italy 181
Poland ..... ill. 162; text 155, 159, 161, 163, 173
Poland: Boundaries of 170
Poland: Independence of 169-170, 177
Poland: Size of 170-171
Poland: Territory surrendered by Germany 160
"Polish-Bolshevik Armistice Line of October 12, 1920" 171
Politics and government, Siberia 492, 504-505, 507
Polo, Marco: Reference to 465, 484
Polygamy, Afghanistan 92, 95
Pomona, Orkney Islands 201
Ponies, Shetland Islands ..... ill. 207; text 197
Pontikonisi ("Mouse Island"), Greece 255
Pontoon-bridge, Irkutsk, Siberia ..... ill. 487; text 486
Population, Afghanistan 90
Population, Åland Archipelago 168
Population, Albania 175
Population, Austria 161
Population, Austria-Hungary 161
Population, Basra, Mesopotamia 273
Population, Bulgaria 165
Population, Finland 163
Population, Fiume, Free State of 173
Population, Great Britain 474
Population, Hedjaz, Asia 569
Population, Italy 175
Population, Kabul, Afghanistan 87
Population, Kiaochow, China 569
Population, Media 362
Population, Mongolia 512
Population, Persia 354
Population, Poland 171
Population, Resht, Persia 360
Population, Rumania 177
Population, Serbia, Jugo-Slavia 175
Population, Shiraz, Persia 450
Population, Siberia 474
Population, Slovakia, Czechoslovakia 161
Population, Smyrna, Asia Minor 176
Population, Sofia, Bulgaria 171
Population, Teheran, Persia 363
Population, Texas 354
Population, Ukraine 177
Population, Yap, Pacific Ocean 570
Porcupine-fishes 75
Pork fishes (*Anisotremus virginicus*) ill. 77, (color insert) Plate I, 61-68; text 71
Porpoises: Forked tail-fin 77

Page

Port Darwin, Australia ..... ill. 326; text 233, 235, 306, 322, 327, 335-337
Portland vase, British Museum 184
Porto Rico: Barracudas 75
Portuguese Man-of-War (*Physalia arethusa*) (color insert) Plate IV, 61-68; text 79
Poseidon: Reference to 255
Postage stamps of the new states of Europe 177
Postage stamps, Prague, Czechoslovakia 117
Postal service, Afghanistan 95
Post-office, Afghanistan: A ..... ill. 95
Potatoes, Orkney Islands, Gathering ..... ill. 215
Potatoes, Peru: Origin of 618
Pottery, Arizona ..... ill. 655
Pottery, New Mexico ..... ill. 639-640
Pottery, Slovakia, Czechoslovakia 137
Poulet, Monsieur: Reference to 239, 271, 295, 297-299, 302, 305, 307, 309, 319
Prague, Czechoslovakia ..... ill. 112, 114-116, 118-123; text 111, 113, 116-117, 119, 129, 137, 140, 142-143, 156
Prague, Czechoslovakia: Constituent Assembly 177
Praha, see Prague, Czechoslovakia.
Praxiteles: Hermes 196
Prayer postures, Persia ..... ill. 428-429
Prayer-wheels, Mongolia 524
Prerau (Přerov), Czechoslovakia 173
Přerov, see Prerau, Czechoslovakia.
Pressburg (Bratislava), Czechoslovakia 128, 145, 156, 173
Prince of Wales: Reference to 112
Prisoners of war: Recent ..... ill. 166
Prize presented by the Commonwealth of Australia to Sir Ross Smith and Party ..... ill. 336; text 337
Prome, Burma 307
Promenade des Anglais, Nice, France 253
Promontory, Shetland Islands 204
Pueblo Bonito, Chaco Canyon, N. Mex ..... ill. 638, 642, 558; text 641, 643, 652
Pueblo del Arroyo, Chaco Canyon, N. Mex 637, 641, 643
Pul-i-Ali Verdi Khan Bridge, Persia 442
Purple-top (*Triodia flava*) ..... (color insert) Plate IV, 627-634; text 636
"Pushtoo" (Afghan language) 97
Pyramids, Egypt ..... ill. 257; text 201, 269
Pyrenees Mountains 489

"Q"

Queen Lil of the Hawaiian Islands: Reference to 89
Queen of the Greeks 185
Queensland, Australia 51-52
Querns, Orkney Islands ..... ill. 208
Quotation 489

"R"

R-34 (Airship) 346
Racing, Mongolia 519-520
Radio telegraph 345
Rafah, Palestine 278
Rahman, Amir Abdur: Reference to 88, 104
Railroads, Afghanistan 85, 109
Railroads, Greece 196
Railroads, Mongolia 513
Railroads, Persia ..... ill. 364; text 387, 419
Ramadhan (Ninth month of the Mohammedan year) 429
Ramadie, Mesopotamia 289-290
Ramleh, Palestine 279
Ram's horns, Afghanistan ..... ill. 107
Rangoon, Burma ..... ill. 298-299; text 235, 307
Rapallo, Italy: Conference of 173
Rarotonga, Cook Islands, Pacific Ocean 4, 47, 49
Recreation grounds, Guantanamo, Cuba ..... ill. 578
Red Sea 569
Redtop (*Agrostis palustris*) ..... (color insert) Plate VII, 627-634; text 636
Reformation, Scotland 214
Rei, see Rhages, Persia.
Religions, Persia 381
Remoras 83
Rena, Persia 395, 397
Reo, Flores Islands, Dutch East Indies 329
Reptiles, Afghanistan 92

Page

Resht gateway, Kazvin, Persia..(color insert) Plate VI, 401-416
Resht, Persia.....ill. 360; text 359, 362, 365
Resht-i-Behesht Shiraz, Persia..... 467
Restaurants, Persia: Open-air.....ill. 370; text 451
Restaurants, Singapore, Malay Peninsula: Traveling .....ill. 304
Rhages, Persia.....ill. 431; text 362, 387, 389, 393
Rhine River, Germany.....160, 485
Rhode Island: Size of.....167, 169
Rhodes Island.....167, 175
Ribbon Falls, Grand Canyon, Ariz..... 645
Rice fields, Dutch East Indies.....ill. 318
Rice fields, Sumatra, Dutch East Indies...ill. 308, 310
Rice merchant, Persia....(color insert) Plate III, 401-416
Richard III: Reference to..... 509
Rifle ranges, Guantanamo, Cuba.....ill. 577; text 591
Rila Monastery, Bulgaria..... 190
Ring of Brogar, Orkney Islands.....ill. 200, 202; text 208-209
Ring of Stenness, Orkney Islands.....208-209
Rio de Janeiro, Brazil: Fishes..text (color insert) Plates II-III, VIII, 61-68
River Festival, Prague, Czechoslovakia..... 111
Riviera, France-Italy: Aerial view.....ill. 247
Riviera, French..... 246
Riviera, Italian..... 246
Road-houses, Persia.....433, 441
Roads, Afghanistan..... 109
Roads, Persia.....357, 361-362, 367, 424
Roanne, France.....242, 245
Robbers, Persia.....ill. 435; text 434, 437, 445, 447
Robert, Earl: Reference to..... 205
Robin Hood, see Hood, Robin.
Robinson Crusoe: Reference to..... 204
Robinson, Solon: Reference to..... 625
Rochester, N. Y.: Mosaic map of.....ill. 344
Rock Beauty (*Holacanthus tricolor*)..(color insert) Plate II, 61-68; text 71, 74
Rock fishes.....71, 74
Rodman, Admiral Hugh: Reference to..... 571
Rögnvald, Earl: Reference to.....213-214, 217
Rögnvald St.: Reference to.....202, 213, 217
Rolls-Royce "Eagle VIII" engines..... 235
Roman Empire..... 181
Romani: Battlefield of..... 278
Rome, Italy.....181, 193, 245, 253-254, 259, 260
Rome, N. Y..... 127
"Roosevelt Camp," Grand Canyon, Ariz..... 649
Roosevelt, President Theodore: Reference to..... 648
"Rose of Cashmere"..... 560
Roses, Bulgaria..... 192
Ross, Lieut.: Reference to.....270-271
Roundheads, Scotland..... 217
Route followed by Sir Ross Smith...ill. (map) 230-231
Royal Aero Club..... 239
Royal Air Force...229-230, 232, 234-235, 254, 264-265, 293, 297, 299-301, 306, 339
Royal Palace, Prague, Czechoslovakia..... 111
"Rugens," Sikkim, Asia.....ill. 558
Rugs, Persia.....ill. 428-429, 459; text 458
Rugs, Smyrna, Asia Minor..... 176
Ruins, Chaco Canyon, N. Mex.....ill. 638, 642, 658; text 637, 640-641, 643
Rumania.....ill. 169; text 140, 161, 171, 184, 193
Rumania: Size of..... 177
Rumania: Territorial accessions.....169, 177
Runic inscriptions, Maeshowe, Pomona, Orkney Islands 202
Rusinia, see Ruthenia, Czechoslovakia.
Russia.....471, 476, 485, 500, 505, 507, 570
Russia: Airships..... 351
Russia: Aland Archipelago..... 168
Russia: Grasses..... 625
"Russia in Asia".....552, 569
Russia: Territorial losses.....169-170
Russian church, Huklijevo, Czechoslovakia: Wooden ill. 139
Russo-Turkish War.....177, 180, 184, 191
Ruthenia, Czechoslovakia...ill. 141; text 139, 145-147, 156
Ruthenians 146-147
Rye-grass (*Lolium perenne*)..(color insert) Plate VI, 627-634; text 636

"S"

Page

Saar Basin, France.....159-160
Saar Valley, France..... 159
Sacred bread, Siberia .....ill. 502
Sacred Way, Delphi, Greece..... 196
Sages, Orkney Islands..... 213
Sailboats, Nile River, Egypt.....ill. 260
Sailor giving a dog a bath, A.....ill. 623
Sailors, American.....ill. 573, 576-580, 583, 588, 613, 623; text 571, 577
St. Germain, Treaty of.....157, 161, 180
St. Helena Island, Atlantic Ocean: Fishes....text (color insert) Plate I, 61-68
St. Innocent, Bones of..... 484
St. Lawrence River..... 473
St. Louis Exposition: Edifices of the..... 382
St. Louis, Mo..... 473
St. Magnus Cathedral, Kirkwall, Orkney Islands ill. 204-205; text 213-214, 217
St. Mark's, Lion of..... 180
St. Paul: Reference to..... 194
St. Paul's Cathedral, London, England: Aerial view ill. 238
St. Paul's Cathedral, Prague, Czechoslovakia ...ill. 119
St. Peter's, Rome, Italy: Aerial view.....ill. 249-250
St. Theodore Church, Athens, Greece..... 195
St. Vitus Cathedral, Prague, Czechoslovakia...ill. 112; text 111, 113
St. Wenceslaus Chapel, St. Vitus Cathedral, Prague, Czechoslovakia 112
Saloniki, Greece.....ill. 178, 183; text 184-185
Sallum, Africa.....256, 266, 269
Salmond, Major-General Sir W. G. H.: Royal Air Force 229-230
Sam Browne belt..... 146
Samara, Russia..... 471
Samarkand, Russian Turkestan: Tomb of Timur the Lame.....ill. 508-509
Samoan Islands, Pacific Ocean: Natives of the.... 570
San Cristóbal (Chatham), Galapagos Islands, Ecuador.....ill. 28-30; text 4, 19-21, 23-27, 46
San Francisco, Calif..... 569
Sancta Sophia, Constantinople: Aerial view of the church of.....ill. 172
San Diego, Calif..... 350
Sandpiper (Mine sweeper)..... 601
San Francisco Exposition: Edifices of the..... 382
San Juan County, N. Mex..... 637
San Marino, Italy..... 660
San Remo, Italy..... 253
Santiago, Cuba..... 591
Saraj-ul-Akhbar, Afghanistan..... 97
Sardines .....ill. 70
Sari, Ceylon: Brown..(color insert) Plate III, 281-288
Sarrana Banks 599-600
Sarrana Reef.....595, 600
Saseno Island, Italy..... 175
Sassanian architecture..... 267
Sassanian Sculptures, Naksh-i-Rustam, Persia (color insert) Plate XIII, 401-416
Saul, King: Reference to..... 98
"Savage Europe" (Montenegro)..... 182
Savannah Club, Barbados, West Indies..... 5
Saveh, Persia.....ill. 464
Sawmill, Constantinople: A two-man.....ill. 193
Scalloway Castle, Scalloway, Shetland Islands..221, 223
Scalloway, Shetland Islands: Harbor.....ill. 221
SCENES FROM AMERICA'S SOUTHWEST 14 illustrations 651
Scheer, Admiral: Reference to..... 571
Schleswig, Denmark: Northern.....158-160
Schleswig, Germany: Southern..... 160
Schönborn Palace, Prague, Czechoslovakia..... 111
Schoolboys, Mongolian.....ill. 546-547
Schoolmasters (Fishes).....ill. 78
Schoolmasters, Mongolia .....ill. 516
Schools, Persia.....ill. 389
Scotch highlands 144, 146
Scotland: Orkneys and Shetlands—A Mysterious Group of Islands. By Charles S. Olcott..... 197
Scott, Sir Walter: The Pirate...202, 204, 209, 223, 225
Scythians, The..... 484
Sea Horses (*Hippocampus*)...(color insert) Plate IV, 61-68; text 74-75
Sea of Galilee, Palestine.....279-280

Page

Sea of Japan....469, 474
Sea of Marmora, Zone of the Straits....165
Sea Wall, Colon, Panama....ill. 590
Sea-anemones, White armed....ill. 76
Sea-basses....71, 74
Sea-drums, Florida....84
Seaplanes..ill. 350; text 352, 582, 594-595, 599-601, 603
Seaplanes, Canada....352
Sea-urchins, Purple....ill. 77
Seals, Galapagos Islands, Ecuador....19
Sefid Rud, Persia....367
Seine River, France: Aerial view....ill. 242
Selenga River, Mongolia....474
Semenski Pass, Asia....489
Seoul, Korea....ill. 554, 564
Serb-Croat-Slovene State....161
Serbia, Jugo-Slavia...ill. 192; text 140, 168, 175, 182, 184-185, 190, 507
Serbia, Jugo-Slavia: Size of....175
Serbian chief, A....ill. 192
Serbians, Jugo-Slavia....ill. 192; text 173
Serdica, Roman colony of....171
Serfs, Persia....ill. 457
Sergeant Major or Cow Pilot (*Abudefduf saxatilis*) (color insert) Plate VIII, 61-68; text 71, 83
Settlers from European Russia arriving in Siberia ill. 472
Sevres, Treaty of....157, 165, 552
Shah Abbas Mosque, Persia....445
Shah Abdul Azim, Persia....364, 387, 391
Shah Bahram Gor, Castle of....ill. 443
Shah Husein, Medresseh-i Shah Husein, text (color insert) Plate XVI, 401-416
Shah Jehan: Taj Mahal..text (color insert) Plate VIII, 281-288
Shah, Nader: Sack of Delhi....375
Shah, Sultan Ahmed: Reference to....354
Shah's alabaster throne, Teheran, Persia....ill. 383
Shah's New Year reception, Teheran, Persia...ill. 384
Shaman feast, Siberia....ill. 503
Shamanism, Siberia....503
Shamanist spirit worship....492
Shanghai, China....570
Shantung, China....569
Shapinsay, Orkney Islands....217
Shapur I: Rock carvings of....ill. 449
Shark Suckers (*Echeneis naucrates*)..(color insert) Plate VI, 61-68; text 83
Sharks....77, 81, 83
Sharks, Black-tip (*Carcharhinus limbatus*)....81
Sharks, Blue....81
Sharks, Brown (*Carcharhinus milberti*)....81
Sharks, Cuba....ill. 13
Sharks, Ground (*Carcharhinus*)....81
Sharks, Low Archipelago, Pacific Ocean....41
Shat-el-Arab, River, Asia....271, 293
Shawls, Czechoslovakia: Head....127
Shawls, Shetland....ill. 210
Shawmut (Flagship and tender)....ill. 582; text 593-595, 600
Sheep, Mongolia....ill. 541
Sheep, Persia....ill. 396; (color insert) Plate IV, 401-416
Sheepskin jugs, Persia....ill. 369; text 451
Sheikh Lutfullah Mosque, Persia....436
"Shell" Marketing Company: Petrol supplies....233
Shepherds, Czechoslovakia: Public....ill. 126, 144; text 144, 146
Shetlands and Orkneys, The. By Charles S. Olcott....197
Shia Hazarahs, Afghanistan....110
Shia Mohammedan shrine, Persia....ill. 379
Shiers, Sergt. W. H.: Photograph of....ill. 236
Shiers, Sergt. W. H.: Reference to....229, 232, 251, 253, 259, 269, 280, 293, 297, 307, 309, 315, 321, 336, 339
Ship drills....571
"Ship of Ulysses," Corfu, Greece....ill. 255
Ships: Argosy of Geography..Frontispiece, January, 1921
Shiraz, Persia....ill. 450, 454-456; (color insert) Plates II, III, 401-416; text 362-363; (color insert) Plate XV, 401-416, 452-453, 465, 467
Shops, Resht, Persia....ill. 360
Shops, Shiraz, Persia....ill. 454, 360
Shore Street, Kirkwall, Orkney Islands....ill. 199

Page

Showalter, William Joseph. Familiar Grasses and their Flowers....625
Shrimp fisheries, Southport, S. C....350
Shrines, Afghanistan....110
Shrines, Bhatgaon, Nepal....563
Shwe Dagón Pagoda, Rangoon, Burma....ill. 298-300
Siam....ill. 300-303; text 231, 233, 299, 315
Siam: World War....552
Siamese Flying Corps....315
Siberia and the Altai Mountains, Western. By Viscount James Bryce....469
Siberia, Conquest of, by Russia....472
Siberia: Grasses....625
Siberia: History of....504
Siberian Tatar Empire....472
Sibir, Nova, Siberia....472
"Sick Man of Europe"....165
Sierra Nevada, Calif: Valleys of the....489
Sigurd, King of Norway: Reference to....213
Sikh religion....text (color insert) Plate I, 281-288
Sikkim, Asia: Lamas of....ill. 558
Silesia....170
Silesia, Upper....ill. 160
Silk, Persia....424
Silkworms, Enzali, Persia: Collecting....ill. 424
Silver mines, Mongolia....513
Simeon, Emperor: Reference to....190
Simpich, Frederick. Every-Day Life in Afghanistan....85
Sinaia, Rumania....193
Sind Desert, India....297
Sinbad the Sailor: Reference to....291
Singapore, Malay Peninsula....ill. 304, 306; text 233, 235, 297, 315, 319, 322-323, 225
Singora, Malay Peninsula....318-319, 321
Siva, The cult....521
Skoda works, Czechoslovakia....129
Slavonia, Jugo-Slavia....168
Slavs, Balkan States....189-190
Slivnitsa, Bulgaria....192
Slovak peasant farmer's home, Carpathian country ill. 152
Slovakia, Czechoslovakia..ill. 150; text 129, 133, 135, 137, 140-141, 143-146
Slovakia, Czechoslovakia: Population of....161
Slovakia, Czechoslovakia: Size of....161
Slovaks, Czechoslovakia....ill. 120, 130, 132, 134, 136, 147, 154; text 135, 137, 140-141, 149, 156, 171, 173
Slovaks, United States....132, 135
Slovenes, Jugo-Slavia....173
Smith, Sir Keith: Reference to....232, 243-244, 251, 253, 265, 280, 307, 311, 313, 315, 319, 322, 325, 327, 335, 339
Smith, Sir Ross. From London to Australia by Aeroplane....229
Smith, Sir Ross: Photograph of....ill. 234
Smith, Staniford: Reference to....337
Smithsonian Institution....339
Smyrna, Asia Minor...ill. 174, 176; text 167, 175, 552
Smyrna, Asia Minor: Ownership of....174
Smyrna, Asia Minor: Size of....176
Smyrna, Gulf of, Asia Minor....176
Snappers....75-78
Snappers, Gray....ill. 78; text 76
Snappers, Red....76-78
Society Islands, Pacific Ocean....ill. 43-46; text 4, 21, 31, 35, 41-42, 47, 49
Soerabaya, Java....ill. 314, 316-317; text 325, 327-329
Sofia, Bulgaria....ill. 171; text 192
Sokol Congress, Prague, Czechoslovakia: Seventh 113, 116
Sokols, Chicago....113
Sokols, Czechoslovakia....ill. 113; text 113, 116
Soliman Mountains, see Suleiman Mountains, Afghanistan.
Sopwith aeroplane....239
Souks....117
Soup venders, Persia....ill. 368
South America: Grasses....625
South America: Map of....ill. (map) 4
South Carolina: Size of....160
South Sea Islands, Pacific Ocean....1-2, 21, 27
South Temperate Zone....605
Southern Persian Rifles....452
Southport, S. C.: Seaplane....ill. 350

Page
Southwest, Scenes from America's..14 illustrations 651
Spade fishes or White Angel (*Chætodipterus faber*) (color insert) Plate II, 61-68; text 69
Spain 602
Spalato (Spljet), Jugo-Slavia.....173, 181
Spanish-American War..... 591
Spezia, Italy..... 253
Sphinx (Airplane).....230-231
Sphinx, Egypt.....ill. 257
"Spiggoty," Meaning of word..... 607
Spinning yarn for ponchos, Peru .....ill. 614
Spirit of Siberia.....ill. 505
Splashes from gunfire.....ill. 610
Spljet, see Spalato, Jugo-Slavia
Sporades, see Dodecanese.
Sports, Afghanistan..... 105
Spotted sting rays, see Whip rays.
Spuz Mountain, Jugo-Slavia.....180-181
Squirrel fishes or Soldato (*Holocentrus ascensionis*) (color insert) Plate I, 61-68; text 78-79
Stadium, Athens, Greece..... 195
Stadium, Prague, Czechoslovakia.....116-117
State House, Boston, Mass.: Codfish..... 57
Statues, Wat Chang Temple, Bangkok, Siam....ill. 302
Stenness, Stones of, Orkney Islands.....ill. 200-201; text 208-209, 223
Stephen, Leslie: Reference to..... 495
Steppes, Mongolia..ill. 548; text 513, 516, 518-520, 526, 531, 540-543, 546, 548, 551
Steppes, Siberia: Mongolians on the.....ill. 501
Stewart, Patrick: Reference to.....217, 221, 223
Stewart, Earl Patrick: Reference to.....204-205, 228
Stewart, Lord Robert: Reference to.....217, 223
Stilt dance, British West Indies .....ill. 588
Stirum, Count Van Limberg.....235, 325
Stoa of Hadrian, Athens, Greece..... 195
Stock, Ralph. Dream Ship, The..... 1
Stockholm, Sweden 168
Stone Age Room of the Chateau at St. Germain-en-Laye, France..... 161
Stone of Odin, Orkney Islands..... 209
Stores, Siberia: Cooperative.....ill. 471
Strait of Bab El Mandeb..... 552
Strangers' Club, Colon, Panama..... 593
Strauss, Rear Admiral Joseph: North Sea mine barrage 197
Street cars, Teheran, Persia.....ill. 365
Stroganov, Gregory: Reference to..... 472
Stroganov, Jacob: Reference to..... 472
Stromness, Orkney Islands..ill. 198, 225; text 223-224
Strumica, see Strumitsa, Jugo-Slavia.
Strumitsa (Strumica), Jugo-Slavia.....165, 175
Styx 365
Submarines 347
Suda Bay, Crete, Greece....257, 259-260, 264-266, 269
Suez Canal, Egypt.....ill. 261; text 276-277, 500
Suez Canal Zone..... 167
Suffrage, Czechoslovakia..... 137
Sugar-cane, Barbados, West Indies..... 18
Suleiman Mountains, Afghanistan.....91-92
Sulphur baths, Pistyan, Czechoslovakia..... 147
Sultan Achmet I: Mosque of..... 172
Sultan of Sumbawa, Dutch East Indies..... 320
Sumatra, Dutch East Indies.....ill. 308, 310-311; text 235, 277, 323, 325, 365, 507
Sumbawa, Dutch East Indies.....ill. 320; text 235
Sumburgh Head, Shetland Islands.....ill. 219
Sumburgh, Shetland Islands..... 204
Sunnis, Afghanistan..... 110
Sunshine and shadow on temple stairs, Annam, French Indo-China.....ill. 568
Superdreadnoughts, Atlantic Fleet.....ill. 574
Surmek, Persia.....ill. 443; text 462
Susa, Persia..... 353
Sushak, Jugo-Slavia 173
Suvla Reservation (Gallipoli Peninsula)..... 165
Sveaborg Fortress, Finland..... 163
Sweden: Aland Archipelago..... 168
Swell-fishes 75
"Swizzles," Barbados, West Indies..... 5
Sybil, Delphi, Greece: Seat of..... 196
Sydney, Australia.....ill. 332-333; text 337
Sydney (Battleship).....ill. 324; text 335
Syria.....167, 484, 552, 557
Syria: Aerial view of Damascus.....ill. 263
Syrian desert..... 280

"T"

Tabriz, Persia.....ill. 419; text 357, 361, 364
Tacht-i-Rustam, Afghanistan..... 91
Tadjiks, Afghanistan..... 110
Tadmur, see Palmyra, Syria.
Taganrog, Russia.....478, 482
Tahiti, Society Islands, Pacific Ocean.....ill. 43-46; text 35, 41, 47, 570
Tahuata, Marquesas Islands, Pacific Ocean.....35-36
Taiga, Siberia 473
Tail-fins, Forked..... 77
Taiohai Nukahiva, Marquesas Islands, Pacific Ocean.....ill. 34; text 31, 35
Taj Mahal, Agra, India...ill. (color insert) Plate VIII, 281-288, 290; text 292, 301-302
Tamerlane, see Timur the Lame.
Tang-i-Allahu Akbar, Persia..(color insert) Plate XV, 401-416
Tanglin Club, Singapore, Malay Peninsula..... 322
Tanks, Miami aquarium.....ill. 56-57; text 59-60
Tantric, The 521
Taranto, Italy.....260-261, 264
Tarantass, Siberia.....486, 492
Tarbaghans, Mongolia..... 492
Target practice at sea.....ill. 610
Taro, Tahiti, Society Islands, Pacific Ocean....ill. 44
Tatars 364
Tatra Mountains, Czechoslovakia.....133, 135, 137
Tea, Afghanistan 108
Teachers, Persia.....ill. 387, 389
Tea-houses, Persia.....383, 386
Teamster, Pilsen (Plzeň), Czechoslovakia: Bohemian .....ill. 148
Teesta gorge, India..... 495
Teheran: Modern Persia and its Capital. By F. L. Bird 353
Teheran, Persia..ill. 427; text 424, 431-432, 437, 464
Tehuantepec, Gulf of, Mexico..... 350
Telegraph system, Afghanistan.....85, 109
Tel-el-Kebir, Egypt.....271, 276
Temperate Zone.....356, 395
Temple, Bhatgaon, Nepal.....ill. 563
Temple of the Sun, Tadmur, Syria..... 289
Temple of Zeus, Athens, Greece: Acropolis from the .....ill. 170
Temple of Zoroaster, Grand Canyon, Ariz.....649
Tennessee (Battleship)..... 574
Terra Australis, Australia..... 336
Terraces, Peru .....ill. 618
Terrell grass..... 626
Teutonic Knights..... 493
Texas, Agriculture..... 513
Texas (Battleship).....ill. 596
Texas: Size of..... 488
Theaters, Kyakhta, Siberia: Chinese.....ill. 499
Theseion, Athens, Greece.....ill. 186
Theseus, Temple of, Athens, Greece..ill. 186; text 195
Thessaly, Greece..... 196
Thetis: Reference to..... 184
Third Liberty Loan: Buttons of the..... 146
Thirteen Colonies..... 177
Thirty Years' War..... 130
3681 (Seaplane).....599-600
Thomson, William T.: Ascent of Mount Demavend 395
Thrace, Greece.....165, 167, 175
Thracian tribes 189
Three little maids away from school.....ill. 663
"Three Partitions of Poland, The".....169-170
Three units of America's first line defense.....ill. 600
Three wise men of the East, The.....445
Thursday Island, Australia.....ill. 48; text 52
Tiber River, Italy..... 259
Tibet: Foreigners excluded..... 88
Tibet: Gyantse .....ill. 561
Tiflis, Russian Caucasus.....143, 364
Tigers, Mongolia..... 493
Tigers, Persia: Hyrcanian..... 367
Tigris River, Mesopotamia.....270, 293
Timor Islands, Malay Archipelago..235, 323-324, 329, 335

XUM

Page

Timothy (*Phleum pratense*)...(color insert) Plate II, 627-634; text 635, 636
Timur the Lame: Reference to....394, 507-509
Timur the Lame: Sword of....375
Timur the Lame: Tomb of....ill. 508-509
Tiny "warriors" of the "peaceful people," Arizona ill. 651
Tirach Mir Mountain, India....91
Tirnovo, Bulgaria....192
Titan Katmai, Alaska....637
Tobol River, Siberia....472
Tobol Valley, Siberia....481
Tom River, Siberia....478
Tombs, Afghanistan....110
Tombstones, St. Magnus Cathedral, Orkney Islands: Orcadian....ill. 205; text 217
Tomil Bay, Yap, Pacific Ocean....570
Tomsk, Siberia....475-478, 481-482
Tonga Islands, Pacific Ocean....ill. 52; text 50
Tongatabu, Tonga Islands, Pacific Ocean....4, 50-51
Tonking, French Indo-China....557
Tonto trail, Grand Canyon, Ariz....645
Tortoises, Galapagos Islands, Ecuador: Giant....30
Tower Bridge, London, England: Aerial view..ill. 237
Tower, Galapagos Islands, Ecuador....17, 19, 32
Tower of London, England: Aerial view....ill. 237
Tower of Silence, Persia....380
Tower of the Skulls, Cetinje, Jugo-Slavia....187
Trade, Afghanistan....93, 108
Train, United States Navy, Vessels of the...571, 577, 581
Trajan, Emperor: Reference to....171
Transcaucasia....505, 569, 570
Transcontinental Railway, Asiatic...469, 471-475, 484-485, 505
Transcontinental Railway, United States....469
Transportation, Persia: Means of...ill. 363, 392, 422, 432, 466; text 367, 437, 441
Trans-Siberian Railway....ill. 476-477, 493, 498; text 498, 500, 547
Transylvania, Rumania....161, 177
Travels. By James Gilmour....518-519
Treasure, Galapagos Islands, Ecuador....23
TREASURE-HOUSE OF THE GULF STREAM: THE COMPLETION AND OPENING OF THE NEW AQUARIUM AND BIOLOGICAL LABORATORY AT MIAMI, FLORIDA. BY JOHN OLIVER LA GORCE....53
Treaty of Berlin, 1878....181
Treaty of Neuilly....165, 192
Treaty of Paris, 1856....168
Treaty of Prague, 1866....167
Treaty of St. Germain....157, 161, 180
Treaty of San Stefano....191
Treaty of Sèvres....165, 167, 174, 197
Treaty of Versailles....162, 569
Trebizond, Asia Minor....167
Trentino, Italy....175
Trentschin (Trencin), Czechoslovakia: Women of ill. 149
Tribes, Afghanistan....96
Tribes, Persia....354
Trieste, Italy....175, 179-181
Trigger-fishes, Queen (*Balistes vetula*)..(color insert) Plate V, 61-68
Triti, Tahiti, Society Islands, Pacific Ocean: Fishermen....ill. 43
Trumpet-fishes, Florida....84
Trunk-fishes....75
Tsar....85, 168
Tsaribrod, Jugo-Slavia....165, 175
"Tserengs," Mongolia....527
Tsigane....133
Tsingtao, Shantung, China....569
Tsitsihar, Manchuria....516
Tuamotu Islands, Pacific Ocean, see Low Archipelago, Pacific Ocean.
Tubal, Mesopotamia....291
Tuberculosis, Marquesas Islands, Pacific Ocean..31-32
Tulip Field Avenue, see Khiaban-e-Lalehzar, Teheran, Persia.
Tuna fishes....70
Tunguses, Siberia....497
Tungusian girl, Siberia....ill. 497
Tup-i-Rustam, Afghanistan....91

Page

Turan, Asia....507
Turbo-boosters....352
Turč. Sv Martin, see Turocz. Sz. Martón, Czechoslovakia.
Turco-Italian War of 1912....167
Turkestan, Russian..ill. 508-509, 555; text 85, 91, 479, 569-570
Turkey in Asia: Territorial losses....167
Turkey in Europe: Territorial losses....165, 167
Turkey: Treaty of Sèvres....157, 174
Turkeys, Persia....ill. 396
Turkish Conquest....185
Turkish Treaty....175
Turkomans, Afghanistan....91
Turks, Bulgaria....190
Turocz. Sz Martón (Turč. Sv. Martin), Czechoslovakia....ill. 154-155; text 137, 140-141, 143
Typee. By Herman Melville: Reference to....31
Types, Afghanistan....ill. 94-96, 98-99, 101-103, 108; text 91-92, 110
Types, Australia....ill. 334
Types, Bulgaria....ill. 188, 190-191
Types, Ceylon..(color insert) Plates II-III, VII, 281-288; ill. 553
Types, Czechoslovakia..ill. 114, 116, 120-123, 126, 128, 130, 134, 136, 140-141, 144, 146-149, 151-155
Types, Greece....ill. 178, 181-183
Types, India....ill. 278-279
Types, Jamaica....ill. 587-589
Types, Java....ill. 314, 316
Types, Malay Peninsula....ill. 304-306
Types, Mesopotamia....ill. 273
Types, Mongolia....ill. 506, 510-512, 514-535, 539-541, 543-547, 550-551
Types, Persia..(color insert) Plates I-IX, XIV, 401-416; ill. 354-357, 366, 368-370, 372-374, 376-378, 380, 385, 387-390, 392, 394, 397, 420-424, 428-429, 435-436, 444, 446, 454-464, 466, 468
Types, Serbia, Jugo-Slavia....ill. 192
Types, Siam....ill. 300-301, 303
Types, Sumatra....ill. 310-311
Types, Sumbawa Islands, Dutch East Indies....ill. 320
Typhus hospital, Narva, Esthonia....ill. 165
Tyuonyi, El Rito de les Frijoles, N. Mex....ill. 656

"U"

Uherské Hradiště, Czechoslovakia....119, 127
Ukraine....177
Ukraine: Size of....177
Ulysses: Reference to....196
Ungvar, see Uzhorod, Czechoslovakia.
Union Club, Panama City, Panama....16
"United States of Central Europe"....147
United States: A New National Geographic Society Expedition....637
United States: Across the Equator with the American Navy. By Herbert Corey....571
United States: Grasses....text 625; color insert, Plates II, IV, VI-VII, 627-634, 636
United States Navy, Floating fortress....ill. 572
United States: Refusal to recognize Esthonia, Latvia and Lithuania as independent countries 165, 169
United States: Scenes from America's Southwest 14 illustrations 651
United States: Size of....512
United States: Slovaks....135
United States: The Grand Canyon Bridge. By Harriet Chalmers Adams....644
Upa Upa, Society Islands, Pacific Ocean....ill. 45
Ural Mountains, Russia....text 471-472, 478, 493, 495, 504-505, 507
Ural River, Central Asia....179
Urga, Mongolia....496, 507, 513, 535, 537
Urumiah, Persia....ill. 419-420
Uzbegs, Afghanistan....91
Uzhorod (Ungvar), Czechoslovakia....146-147, 156

"V"

Václavské Náměsti, Prague, Czechoslovakia...ill. 120-121; text 113, 116
Vag (Waag) River, Czechoslovakia....129, 137, 140
Vag Valley, Czechoslovakia....137, 147, 149

Page

Vajnory, Czechoslovakia: Children of ..... ill. 128
Valerian, Reference to 449
Valley of Ten Thousand Smokes, Alaska 637
Valona, see Avlona, Albania.
Vansittart: Quotation from 445
Varahran II, Tomb of..(color insert) Plate XIII, 401-416
Varna, Bulgaria 192
Vatican, Rome, Italy: Aerial view ..... ill. 249, 251
Vazsecz, Czechoslovakia ..... ill. 125
Veils, Persia ..... ill. 372-373
Velasquez, Diego Rodriguez de Silva: Reference to 425
Venice, Gulf of, Italy 175
Venice, Italy 180
Venizelos, Premier Eleutherios: Reference to... 170, 175, 196-197
Venturina, Italy: Aerodrome 259
Verkhne-Udinsk, Siberia 496
Vermont: Size of 167, 169
Versailles, France: Treaties of 157, 159
Vesper hour, Lima, Peru ..... ill. 616
Viceroy's Cup run, Calcutta, India 229
Vickers Ltd. Messrs 231-233, 235, 237, 239, 337
Vienna, Austria 133, 140
Vienna, Austria: Population of 161
Vigo, Spain 3-4, 8
Villiam-Vrving: Reference to 217
Vimy (Airplane) ..... ill. 232-233, 316, 326, 330; text 235, 237, 239, 241-242, 245-246, 253, 255, 259, 271, 277, 280, 289-291, 293, 295, 297-298, 300, 302-303, 305-307, 309, 311, 313-315, 317, 319-323, 325, 327-329, 335, 337
Vinto tinto 3, 5, 8
Virginia: Size of 165
Vladikas, Metropolitan Monastery, Cetinje, Jugo-Slavia 187
Vladivostok, Siberia 469, 474, 498, 504
Vltava River, see Moldau River, Czechoslovakia.
Volcano cones, Galapagos Islands, Ecuador 19
Volga River, Russia 470-472, 485
Volovec, Ruthenia: Men from ..... ill. 141
Von Spee, Admiral: Reference to 621
Voznesenski monastery, Siberia ..... ill. 484

"W"

Waag River, see Vag River, Czechoslovakia
Wadi Natrum, Egypt 269
Wages, Bohemia, Czechoslovakia 126
Wakefield Ltd.: Lubricating oils 233
Walpi, Ariz ..... ill. 639, 654, 660
War of the Danish Duchies in 1864 158
Warm-sea fishes 60
WARM-SEA FISHES. BY HASHIME MURAYAMA ..... Color insert, XVI plates 61
Warsaw (Warszawa), Poland 133, 157, 169-170
Warszawa, see Warsaw, Poland.
Warwick, Adam. People of the Wilderness, The 507
Washington Monument, Washington, D. C 653
Watchang Temple, Bangkok, Siam ..... ill. 302
Watch Stone, or Sentinel, Orkney Islands 208
Water-carriers, Persia ..... ill. 369
Water supply, Persia ..... text 356, 386-387, 397 (color insert) Plate XIV, 401-416
Water-wheels, Euphrates River, Mesopotamia..ill. 266
Watt, Donald B.: Reference to 453
Weavers, Persia ..... ill. 458
Weaving, Greece 196
Weddings, Persia 425, 430
Wesley, Charles: Reference to 130
Wesley, John: Reference to 130
West Indies ..... ill. 11-14, 18, 20, 579, 586-589
West Indies: Fishes..text (color insert) Plates I-II, VII, 61-68
WESTERN SIBERIA AND THE ALTAI MOUNTAINS; WITH SOME SPECULATIONS ON THE FUTURE OF SIBERA. BY VISCOUNT JAMES BRYCE 469
Western Trans-Baikal mining administration 496
Weston, Harold F. Persian Caravan Sketches... 417
Westphalia, Germany 471
Weybridge, England: Vickers' factory 235, 239
Whales ..... ill. 72; text 77, 81
Whales, Killer ..... ill. 72
Wheat-fields, Peru ..... ill. 618
Wheat-fields, Siberia: American army officers in ..... ill. 481
Whip ray, or Spotted sting ray ..... ill. 84
WHIRLPOOL OF THE BALKANS, THE. BY
Women, Macedonia, Greece ..... ill. 182-183
Whistle of the pearl divers, Low Archipelago, Pacific Ocean 39
White angel fishes, see Spade fishes
White Guard Cavalry, Volunteers for the ..... ill. 490
White-ant beds, Australia ..... ill. 329
White River, Persia, see Sefid Rud, Persia
Willelmplatz, Myslowitz, Upper Silesia ..... ill. 160
William the Conqueror: Reference to 641
Williams, Maynard Owen. Czechoslovakia, Key-Land to Central Europe 111
Wilson, Admiral H. B.: Reference to 571
"Wilson Line" 173
Wilson Station, Prague, Czechoslovakia 145
Wilson, President Woodrow: Armenian boundaries 167
Windmills, Barbados, British West Indies ..... ill. 18
Windmill, Miami Beach, Fla ..... ill. 55
Winnowing grain, Southern Persia..(color insert) Plate XIV, 401-416
Women, Afghanistan 97, 100, 105
Women, Czechoslovakia ..... ill. 120-123, 128, 130-132, 134, 140, 147, 149, 152-155; text 137
Women, Macedonia, Greece ..... ill. 182, 183
Women, Persia ..... ill. 355-356, 372-374, 385, 388, 392
World: Map of ..... ill. 4
World War 167, 169, 179, 185, 573, 596
World War: Asia 552
World War: Aviation 339, 341, 345-347, 351
World War: Austria-Hungary before the 161
World War: British fleet 223
World War: Bulgaria 189
World War: Effect upon Afghanistan 88, 110
World War: Fish used during 57
World War: Japan 552, 569
World War: Lake Scutari before the 180
World War: Palestine 234
World War, Persia 354, 357, 361, 419, 430
World War: Saloniki before the 178
World War: Serbia before the 182
World War: Siberia 491, 499
World War: Sofia before the 171
World War: Treaties of the 173
Wrasses 83
Wreck Bay, San Cristobal, Galapagos Islands, Ecuador 21, 27
Wreck Point, Galapagos Islands, Ecuador 21
Wren, Sir Christopher: St. Paul's Cathedral 238
Wrestlers, Mongolia ..... ill. 540; text 540-541
Wright Brothers: Aviation 339

"X"

Xerxes' Audience Hall, Persepolis, Persia ..... ill. 448
Xerxes, Palace of 465
Xerxes: Reference to..357, 361, 430 (color insert) Plate I, 401-416

"Y"

"Ya Hakk" ..... 377 (color insert) Plate VIII, 401-416
Yablonoi Mountains 474
Yaki Point, Grand Canyon, Ariz 643
Yangtze River, China 485
Yap, Island of, Pacific Ocean 569-570
Yashmaks, see Veils.
Yellow foxtail (*Chaetochloa lutescens*) (color insert) Plate V, 627-634; text 636
Yellow Sea 507
Yellow Tail fishes (*Ocyurus chrysurus*) (color insert) Plate VII, 61-68; text 77-78
Yenisei River, Siberia 473, 480, 495, 497
Yermak: Reference to 472, 504
Yezd, Persia 424
Yezdikhast, Persia ..... (color insert) Plate X, 401-416; text 457, 460-461, 465
Yoongadoong: Photograph of ..... ill. 519
Youngstown, Ohio 129
Yurts, Mongolia ..... ill. 518, 550; text 543

XUM

"Z"

	Page
"Zabia wood," Mongolia	533
Zargros Mountains	357
Zara, Italy	173
Zarathushtra, see Zoroaster.	
Zatkovitch, Governor: Reference to	146
Zemstvo Quartier, The	487
Zenda Rud, Ispahan, Persia	ill. 442
Zlata Praha (Golden Prague)	113
Zohak: Reference to	393
Zone of Allied Occupation	160
Zone of Straits, Constantinople: Aerial view	ill. 172
Zone of the Straits: The	165
Zoölogy	53
Zoroaster: Reference to	387, 393, 420
Zoroastrian fire temples, Afghanistan	91
Zoroastrian Tower of Silence, Persia	389
Zoroastrians, see Fire Worshipers.	
Zuni Indians, New Mexico	640
Zvolen, Czechoslovakia: Old castle	ill. 138

XUM